

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013698.D
 Acq On : 29 Nov 2019 14:03
 Operator : JC/SP
 Sample : VX1129WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Manual Integrations
 APPROVED

apatel
 12/2/2019 12:47:56 PM

Quant Time: Nov 29 23:05:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	649749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	969166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	871628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	442365	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	360267	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	5.48	113	293193	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
50) Toluene-d8	8.71	98	1121739	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.13	95	402742	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	138956	19.214	ug/l	99
3) Chloromethane	1.32	50	151532	18.673	ug/l	98
4) Vinyl Chloride	1.40	62	176024	19.272	ug/l	98
5) Bromomethane	1.63	94	100680	16.414	ug/l	96
6) Chloroethane	1.72	64	96922	18.648	ug/l	92
7) Trichlorofluoromethane	1.92	101	188495	18.586	ug/l	97
8) Diethyl Ether	2.18	74	89902	19.594	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116939	18.877	ug/l	98
10) Methyl Iodide	2.50	142	122962	16.409	ug/l	99
11) Tert butyl alcohol	3.03	59	162491	87.284	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116570	18.852	ug/l	96
13) Acrolein	2.28	56	86914	74.137	ug/l	100
14) Allyl chloride	2.72	41	202481	18.044	ug/l	98
15) Acrylonitrile	3.13	53	360345	93.773	ug/l	99
16) Acetone	2.43	43	336298	90.314	ug/l	98
17) Carbon Disulfide	2.56	76	305140	17.311	ug/l	100
18) Methyl Acetate	2.76	43	207045	19.968	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	397777	19.419	ug/l	99
20) Methylene Chloride	2.84	84	137974	19.287	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	123000	18.260	ug/l	98
22) Diisopropyl ether	3.84	45	419012	19.392	ug/l	99
23) Vinyl Acetate	3.80	43	1706145	94.918	ug/l	100
24) 1,1-Dichloroethane	3.69	63	222380	18.827	ug/l	99
25) 2-Butanone	4.65	43	513187	92.733	ug/l	98
26) 2,2-Dichloropropane	4.57	77	165150	16.899	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	144387	18.665	ug/l	99
28) Bromochloromethane	5.00	49	94403	20.217	ug/l	100
29) Tetrahydrofuran	5.11	42	328371	96.252	ug/l	99
30) Chloroform	5.20	83	255384	21.319	ug/l	99
31) Cyclohexane	5.57	56	204432	18.349	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	182750	18.256	ug/l	100
36) 1,1-Dichloropropene	5.79	75	164329	18.679	ug/l	98
37) Ethyl Acetate	4.81	43	193899	19.646	ug/l	99
38) Carbon Tetrachloride	5.77	117	157108	19.367	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013698.D
 Acq On : 29 Nov 2019 14:03
 Operator : JC/SP
 Sample : VX1129WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :
 VX1129WBSD01

Manual Integrations
 APPROVED

apatel
 12/2/2019 12:47:56 PM

Quant Time: Nov 29 23:05:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	206555	18.994	ug/l	99
40) Benzene	6.13	78	514331	19.195	ug/l	99
41) Methacrylonitrile	5.03	41	106871	19.745	ug/l	99
42) 1,2-Dichloroethane	6.18	62	181454	19.857	ug/l	100
43) Isopropyl Acetate	6.43	43	317311	19.529	ug/l	99
44) Trichloroethene	7.20	130	138482	18.832	ug/l	97
45) 1,2-Dichloropropane	7.50	63	135258	20.176	ug/l	96
46) Dibromomethane	7.65	93	88638	19.467	ug/l	99
47) Bromodichloromethane	7.89	83	175140	20.347	ug/l	98
48) Methyl methacrylate	7.76	41	160465	20.326	ug/l	100
49) 1,4-Dioxane	7.73	88	67657	382.861	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1010687	98.887	ug/l	99
52) Toluene	8.78	92	323728	19.448	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	182938	18.672	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	209758	19.596	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	136079	20.286	ug/l	97
56) Ethyl methacrylate	9.17	69	211609	19.621	ug/l	99
57) 1,3-Dichloropropane	9.37	76	227837	19.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	404203	95.592	ug/l	99
59) 2-Hexanone	9.48	43	762571	95.664	ug/l	99
60) Dibromochloromethane	9.57	129	136412	19.595	ug/l	99
61) 1,2-Dibromoethane	9.67	107	140941	19.672	ug/l	100
64) Tetrachloroethene	9.33	164	125606	19.324	ug/l	99
65) Chlorobenzene	10.14	112	351028	19.397	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	129337	19.903	ug/l	98
67) Ethyl Benzene	10.25	91	609671	19.605	ug/l	99
68) m/p-Xylenes	10.35	106	462992	38.888	ug/l	100
69) o-Xylene	10.70	106	226543	19.510	ug/l	99
70) Styrene	10.71	104	380303	19.470	ug/l	99
71) Bromoform	10.85	173	102437	19.051	ug/l #	99
73) Isopropylbenzene	11.01	105	598391	19.284	ug/l	99
74) N-amyl acetate	10.89	43	271789	19.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	213570	19.846	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	169280m	17.014	ug/l	
77) Bromobenzene	11.25	156	157997	18.848	ug/l	98
78) n-propylbenzene	11.35	91	669269	19.321	ug/l	100
79) 2-Chlorotoluene	11.42	91	396393	19.077	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	501068	19.702	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62047	17.061	ug/l	94
82) 4-Chlorotoluene	11.51	91	457107	18.993	ug/l	99
83) tert-Butylbenzene	11.76	119	497589	19.252	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	502613	19.473	ug/l	100
85) sec-Butylbenzene	11.94	105	570566	19.327	ug/l	99
86) p-Isopropyltoluene	12.06	119	531300	19.345	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	274142	18.760	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	278583	18.717	ug/l	100
89) n-Butylbenzene	12.39	91	437974	18.697	ug/l	99
90) Hexachloroethane	12.59	117	90318	18.194	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	277755	19.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43732	18.662	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
Data File : VX013698.D
Acq On : 29 Nov 2019 14:03
Operator : JC/SP
Sample : VX1129WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM

Quant Time: Nov 29 23:05:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	183859	18.272	ug/l	99
94) Hexachlorobutadiene	13.78	225	85401	17.668	ug/l	99
95) Naphthalene	13.83	128	569998	19.022	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	186300	18.699	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

