

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013582.D
 Acq On : 25 Nov 2019 15:37
 Operator : JC/SP
 Sample : VX1125WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Manual Integrations
 APPROVED

apatel
 11/27/2019 12:13:22 PM

Quant Time: Nov 25 16:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	621950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	965984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	864853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	436289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	365064	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.48	113	306004	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	1130789	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	412534	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	106755	14.897	ug/l	100
3) Chloromethane	1.32	50	130443	16.785	ug/l	99
4) Vinyl Chloride	1.40	62	150812	17.046	ug/l	97
5) Bromomethane	1.63	94	90515	14.681	ug/l	97
6) Chloroethane	1.72	64	89462	16.901	ug/l	99
7) Trichlorofluoromethane	1.92	101	174642	16.708	ug/l	98
8) Diethyl Ether	2.18	74	86678	18.752	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107512	18.454	ug/l	98
10) Methyl Iodide	2.50	142	120273	16.675	ug/l	99
11) Tert butyl alcohol	3.03	59	176198	90.727	ug/l	97
12) 1,1-Dichloroethene	2.37	96	108376	18.996	ug/l	98
13) Acrolein	2.28	56	146439	139.129	ug/l	95
14) Allyl chloride	2.72	41	200069	19.301	ug/l	95
15) Acrylonitrile	3.13	53	373961	103.085	ug/l	98
16) Acetone	2.43	43	346372	94.246	ug/l	99
17) Carbon Disulfide	2.56	76	236998	15.521	ug/l	99
18) Methyl Acetate	2.76	43	217500	21.436	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	404007	21.232	ug/l	96
20) Methylene Chloride	2.85	84	128129	18.869	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	113793	18.319	ug/l	93
22) Diisopropyl ether	3.84	45	430043	21.489	ug/l	98
23) Vinyl Acetate	3.80	43	1722660	100.596	ug/l	100
24) 1,1-Dichloroethane	3.69	63	225831	20.172	ug/l	99
25) 2-Butanone	4.65	43	535491	99.320	ug/l	98
26) 2,2-Dichloropropane	4.58	77	177871	19.972	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	140293	20.162	ug/l	98
28) Bromochloromethane	5.00	49	71218	22.405	ug/l	98
29) Tetrahydrofuran	5.11	42	325759	98.046	ug/l	98
30) Chloroform	5.20	83	227427	20.573	ug/l	97
31) Cyclohexane	5.56	56	172258	17.100	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	179445	18.862	ug/l	99
36) 1,1-Dichloropropene	5.79	75	151331	18.261	ug/l	99
37) Ethyl Acetate	4.82	43	197535	19.291	ug/l	98
38) Carbon Tetrachloride	5.78	117	148040	18.268	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013582.D
 Acq On : 25 Nov 2019 15:37
 Operator : JC/SP
 Sample : VX1125WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Manual Integrations
 APPROVED

apatel
 11/27/2019 12:13:22 PM

Quant Time: Nov 25 16:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178752	17.311	ug/l	99
40) Benzene	6.14	78	497533	19.274	ug/l	99
41) Methacrylonitrile	5.03	41	116528	20.303	ug/l	97
42) 1,2-Dichloroethane	6.18	62	182092	19.556	ug/l	100
43) Isopropyl Acetate	6.43	43	323734	20.303	ug/l	100
44) Trichloroethene	7.21	130	130455	18.360	ug/l	97
45) 1,2-Dichloropropane	7.51	63	135152	20.549	ug/l	99
46) Dibromomethane	7.65	93	87096	19.395	ug/l	97
47) Bromodichloromethane	7.89	83	167043	19.726	ug/l	97
48) Methyl methacrylate	7.76	41	158286	19.886	ug/l	97
49) 1,4-Dioxane	7.73	88	66724	366.047	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1047938	100.171	ug/l	100
52) Toluene	8.78	92	310041	19.379	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	185030	19.982	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	207525	20.035	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	134091	20.220	ug/l	97
56) Ethyl methacrylate	9.17	69	213116	19.799	ug/l	96
57) 1,3-Dichloropropane	9.37	76	226429	20.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	463266	102.170	ug/l	100
59) 2-Hexanone	9.48	43	802638	99.282	ug/l	100
60) Dibromochloromethane	9.58	129	135307	19.950	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137859	19.577	ug/l	98
64) Tetrachloroethene	9.33	164	114064	18.424	ug/l	98
65) Chlorobenzene	10.14	112	338634	19.340	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	129675	20.170	ug/l	100
67) Ethyl Benzene	10.25	91	577684	19.116	ug/l	98
68) m/p-Xylenes	10.35	106	440579	38.550	ug/l	100
69) o-Xylene	10.70	106	219682	19.634	ug/l	99
70) Styrene	10.71	104	371710	19.874	ug/l	99
71) Bromoform	10.85	173	101927	19.206	ug/l	100
73) Isopropylbenzene	11.01	105	576453	19.928	ug/l	100
74) N-amyl acetate	10.89	43	281603	20.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	218266	20.683	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	197071m	22.239	ug/l	
77) Bromobenzene	11.25	156	153957	19.965	ug/l	99
78) n-propylbenzene	11.35	91	636469	19.752	ug/l	99
79) 2-Chlorotoluene	11.42	91	393305	20.259	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	476967	19.796	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65374	18.989	ug/l	99
82) 4-Chlorotoluene	11.51	91	445187	19.589	ug/l	99
83) tert-Butylbenzene	11.76	119	490475	20.222	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	488502	20.211	ug/l	99
85) sec-Butylbenzene	11.94	105	560536	20.109	ug/l	100
86) p-Isopropyltoluene	12.06	119	506875	19.747	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	268469	19.531	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	270749	19.332	ug/l	99
89) n-Butylbenzene	12.39	91	431364	19.259	ug/l	99
90) Hexachloroethane	12.59	117	88943	19.448	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	275232	20.031	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45574	17.726	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112519\
Data File : VX013582.D
Acq On : 25 Nov 2019 15:37
Operator : JC/SP
Sample : VX1125WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:22 PM

Quant Time: Nov 25 16:27:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	187807	19.595	ug/l	99
94) Hexachlorobutadiene	13.78	225	86559	18.460	ug/l	99
95) Naphthalene	13.83	128	604994	20.119	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	194750	20.261	ug/l	98

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

