

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015971.D
 Acq On : 29 Apr 2020 12:56
 Operator : JC/SP
 Sample : VX0429WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:11:43 PM

Quant Time: Apr 30 07:25:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	271941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	402575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201907	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171197	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	5.46	113	126455	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	8.70	98	482822	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.12	95	183937	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	49468	20.328	ug/l	94
3) Chloromethane	1.31	50	57308	19.432	ug/l	98
4) Vinyl Chloride	1.39	62	64186	19.164	ug/l	99
5) Bromomethane	1.63	94	46054	20.482	ug/l	97
6) Chloroethane	1.71	64	40703	18.270	ug/l	98
7) Trichlorofluoromethane	1.92	101	96070	18.977	ug/l	98
8) Diethyl Ether	2.17	74	38517	18.225	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48659	19.283	ug/l	99
10) Methyl Iodide	2.49	142	64348	18.280	ug/l	99
11) Tert butyl alcohol	3.01	59	79814	92.476	ug/l	100
12) 1,1-Dichloroethene	2.36	96	48906	18.797	ug/l	98
13) Acrolein	2.27	56	20500	94.514	ug/l	100
14) Allyl chloride	2.71	41	90498	19.289	ug/l	99
15) Acrylonitrile	3.11	53	158746	92.763	ug/l	98
16) Acetone	2.42	43	144644	95.135	ug/l	98
17) Carbon Disulfide	2.55	76	146312	19.118	ug/l	99
18) Methyl Acetate	2.75	43	80714	18.708	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	181064	19.241	ug/l	100
20) Methylene Chloride	2.83	84	56032	18.616	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	53485	18.240	ug/l	97
22) Diisopropyl ether	3.82	45	179352	19.445	ug/l	93
23) Vinyl Acetate	3.78	43	776221	96.877	ug/l	98
24) 1,1-Dichloroethane	3.67	63	99672	19.398	ug/l	100
25) 2-Butanone	4.63	43	229881	93.304	ug/l	99
26) 2,2-Dichloropropane	4.55	77	88813	18.904	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	60913	18.306	ug/l	97
28) Bromochloromethane	4.98	49	49141	19.764	ug/l	98
29) Tetrahydrofuran	5.09	42	149576	92.636	ug/l	99
30) Chloroform	5.17	83	100742	18.855	ug/l	99
31) Cyclohexane	5.55	56	89370	19.537	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	93146	18.934	ug/l	99
36) 1,1-Dichloropropene	5.77	75	74891	18.056	ug/l	100
37) Ethyl Acetate	4.79	43	88713	18.652	ug/l	99
38) Carbon Tetrachloride	5.76	117	82797	18.899	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015971.D
 Acq On : 29 Apr 2020 12:56
 Operator : JC/SP
 Sample : VX0429WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0429WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:11:43 PM

Quant Time: Apr 30 07:25:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	92113	19.199	ug/l	97
40) Benzene	6.11	78	221479	18.714	ug/l	100
41) Methacrylonitrile	5.00	41	48312	18.977	ug/l	97
42) 1,2-Dichloroethane	6.16	62	86919	18.955	ug/l	100
43) Isopropyl Acetate	6.41	43	145806	18.513	ug/l	100
44) Trichloroethene	7.19	130	84485	19.805	ug/l	100
45) 1,2-Dichloropropane	7.49	63	57196	18.700	ug/l	97
46) Dibromomethane	7.63	93	40931	18.833	ug/l	99
47) Bromodichloromethane	7.87	83	80806	18.710	ug/l	100
48) Methyl methacrylate	7.74	41	67937	18.683	ug/l	99
49) 1,4-Dioxane	7.71	88	31669	370.204	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	444896	93.128	ug/l	100
52) Toluene	8.76	92	142639	18.987	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	94024	18.348	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	98462	18.682	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	54953	18.305	ug/l	98
56) Ethyl methacrylate	9.16	69	90889	18.619	ug/l	100
57) 1,3-Dichloropropane	9.35	76	97683	18.937	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	230246	91.273	ug/l	100
59) 2-Hexanone	9.47	43	346311	92.759	ug/l	99
60) Dibromochloromethane	9.57	129	62430	18.579	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59861	18.388	ug/l	97
64) Tetrachloroethene	9.32	164	92818	19.435	ug/l	97
65) Chlorobenzene	10.12	112	153208	18.685	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	58339	18.825	ug/l	99
67) Ethyl Benzene	10.24	91	271058	18.563	ug/l	99
68) m/p-Xylenes	10.34	106	205256	37.045	ug/l	100
69) o-Xylene	10.68	106	98759	18.773	ug/l	98
70) Styrene	10.70	104	165051	18.285	ug/l	100
71) Bromoform	10.84	173	44694	17.660	ug/l #	99
73) Isopropylbenzene	11.00	105	265116	19.302	ug/l	100
74) N-amyl acetate	10.88	43	125419	18.933	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	42779	16.125	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	82542m	19.483	ug/l	
77) Bromobenzene	11.24	156	67303	19.036	ug/l	99
78) n-propylbenzene	11.34	91	305601	19.341	ug/l	99
79) 2-Chlorotoluene	11.40	91	180794	19.204	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	225077	19.453	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	33071	18.446	ug/l	99
82) 4-Chlorotoluene	11.49	91	214173	19.021	ug/l	100
83) tert-Butylbenzene	11.76	119	193298	19.376	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	227929	19.574	ug/l	99
85) sec-Butylbenzene	11.93	105	262328	19.517	ug/l	100
86) p-Isopropyltoluene	12.05	119	239940	19.058	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	123156	19.101	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	121781	18.689	ug/l	98
89) n-Butylbenzene	12.37	91	214306	18.839	ug/l	100
90) Hexachloroethane	12.58	117	42588	19.145	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	115750	18.774	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19729	17.398	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042920\
Data File : VX015971.D
Acq On : 29 Apr 2020 12:56
Operator : JC/SP
Sample : VX0429WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBS01

Manual Integrations
APPROVED

MMDadoda
4/30/2020 2:11:43 PM

Quant Time: Apr 30 07:25:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84488	18.258	ug/l	100
94) Hexachlorobutadiene	13.77	225	38880	18.805	ug/l	98
95) Naphthalene	13.82	128	273053	18.709	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	83182	18.668	ug/l	99

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

