

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016827.D
 Acq On : 17 Jun 2020 19:13
 Operator : JC/SP
 Sample : VX0617WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS04

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:17:25 AM

Quant Time: Jun 18 01:46:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	260961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	475488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	144791	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
35) Dibromofluoromethane	5.46	113	121282	41.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.68%	
50) Toluene-d8	8.70	98	459852	42.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.02%	
62) 4-Bromofluorobenzene	11.12	95	170391	41.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.36%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	64720	22.034	ug/l	100
3) Chloromethane	1.31	50	55884	19.617	ug/l	99
4) Vinyl Chloride	1.39	62	73387	24.143	ug/l	100
5) Bromomethane	1.63	94	44750	23.705	ug/l	99
6) Chloroethane	1.72	64	44794	23.923	ug/l	99
7) Trichlorofluoromethane	1.92	101	102627	23.442	ug/l	99
8) Diethyl Ether	2.17	74	39637	22.171	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53725	24.121	ug/l	98
10) Methyl Iodide	2.49	142	38586	13.860	ug/l	97
11) Tert butyl alcohol	3.01	59	69716	94.542	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57812	22.666	ug/l	99
13) Acrolein	2.27	56	25486	82.728	ug/l	93
14) Allyl chloride	2.71	41	77839	19.513	ug/l	98
15) Acrylonitrile	3.11	53	148448	99.208	ug/l	100
16) Acetone	2.42	43	153096	114.982	ug/l	98
17) Carbon Disulfide	2.55	76	132273	18.108	ug/l	99
18) Methyl Acetate	2.75	43	74008	20.824	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	169349	19.481	ug/l	97
20) Methylene Chloride	2.84	84	55362	19.304	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53612	19.560	ug/l	98
22) Diisopropyl ether	3.82	45	152831	20.396	ug/l	98
23) Vinyl Acetate	3.78	43	643042	99.290	ug/l	98
24) 1,1-Dichloroethane	3.67	63	92006	19.632	ug/l	99
25) 2-Butanone	4.64	43	203344	101.334	ug/l	96
26) 2,2-Dichloropropane	4.55	77	83539	19.251	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	60922	19.447	ug/l	98
28) Bromochloromethane	4.98	49	37999	19.007	ug/l	98
29) Tetrahydrofuran	5.09	42	130921	100.713	ug/l	99
30) Chloroform	5.18	83	96193	19.401	ug/l	97
31) Cyclohexane	5.55	56	76288	20.629	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	91373	20.309	ug/l	99
36) 1,1-Dichloropropene	5.77	75	71293	16.966	ug/l	100
37) Ethyl Acetate	4.79	43	77842	16.916	ug/l	99
38) Carbon Tetrachloride	5.76	117	79789	16.720	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	87734	18.615	ug/l	99
40) Benzene	6.12	78	215558	16.849	ug/l	100
41) Methacrylonitrile	5.00	41	41439	16.889	ug/l	99
42) 1,2-Dichloroethane	6.16	62	75377	16.142	ug/l	98
43) Isopropyl Acetate	6.42	43	140858	19.531	ug/l	99
44) Trichloroethene	7.19	130	80597	20.366	ug/l	94
45) 1,2-Dichloropropane	7.49	63	60184	19.190	ug/l	98
46) Dibromomethane	7.64	93	39726	17.379	ug/l	99
47) Bromodichloromethane	7.88	83	77735	16.312	ug/l	99
48) Methyl methacrylate	7.74	41	57438	16.803	ug/l	98
49) 1,4-Dioxane	7.71	88	26389	311.953	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	386630	86.997	ug/l	100
52) Toluene	8.76	92	138792	16.701	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	86559	16.082	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	91366	16.273	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	56188	16.813	ug/l	95
56) Ethyl methacrylate	9.16	69	85274	17.042	ug/l	99
57) 1,3-Dichloropropane	9.35	76	93469	16.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	202041	82.120	ug/l	100
59) 2-Hexanone	9.48	43	295837	86.231	ug/l	100
60) Dibromochloromethane	9.57	129	68221	17.272	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59883	16.441	ug/l	99
64) Tetrachloroethene	9.32	164	78580	22.328	ug/l	98
65) Chlorobenzene	10.12	112	158655	21.334	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	58055	19.569	ug/l	97
67) Ethyl Benzene	10.24	91	289698	23.044	ug/l	99
68) m/p-Xylenes	10.34	106	229562	48.160	ug/l	99
69) o-Xylene	10.68	106	105058	22.878	ug/l	99
70) Styrene	10.70	104	181547	22.869	ug/l	99
71) Bromoform	10.84	173	53918	21.301	ug/l	96
73) Isopropylbenzene	11.00	105	260392	21.013	ug/l	99
74) N-amyl acetate	10.88	43	106742	22.163	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	68737	18.857	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	79388m	19.989	ug/l	
77) Bromobenzene	11.24	156	68160	19.480	ug/l	100
78) n-propylbenzene	11.34	91	275431	20.467	ug/l	100
79) 2-Chlorotoluene	11.40	91	168550	19.806	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	210549	20.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28844	18.283	ug/l	97
82) 4-Chlorotoluene	11.49	91	199101	19.988	ug/l	100
83) tert-Butylbenzene	11.76	119	188701	19.852	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	214611	20.423	ug/l	99
85) sec-Butylbenzene	11.93	105	225075	20.243	ug/l	99
86) p-Isopropyltoluene	12.05	119	217610	20.398	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	119505	20.203	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120251	19.603	ug/l	99
89) n-Butylbenzene	12.37	91	175135	19.887	ug/l	99
90) Hexachloroethane	12.58	117	36858	18.736	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	119049	20.125	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19622	19.249	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78617	18.978	ug/l	99
94) Hexachlorobutadiene	13.77	225	34792	19.342	ug/l	99
95) Naphthalene	13.82	128	257064	19.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	76731	18.819	ug/l	98

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

