

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013670.D
 Acq On : 27 Nov 2019 23:14
 Operator : JC/SP
 Sample : VX1127WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD03

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:18:12 PM

Quant Time: Nov 28 04:43:07 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	631572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	974138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	876174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	418326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	367552	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.49	113	302489	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	8.71	98	1137953	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.14	95	402039	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	136917	19.477	ug/l	100
3) Chloromethane	1.32	50	161884	20.523	ug/l	98
4) Vinyl Chloride	1.40	62	181982	20.498	ug/l	98
5) Bromomethane	1.63	94	108004	18.115	ug/l	99
6) Chloroethane	1.72	64	101435	20.078	ug/l	99
7) Trichlorofluoromethane	1.92	101	190064	19.280	ug/l	100
8) Diethyl Ether	2.18	74	92163	20.665	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	112073	18.612	ug/l	99
10) Methyl Iodide	2.50	142	125688	17.255	ug/l	100
11) Tert butyl alcohol	3.03	59	177431	98.052	ug/l	97
12) 1,1-Dichloroethene	2.36	96	117573	19.561	ug/l	100
13) Acrolein	2.28	56	105122	90.782	ug/l	96
14) Allyl chloride	2.72	41	208639	19.128	ug/l	100
15) Acrylonitrile	3.13	53	395081	105.771	ug/l	98
16) Acetone	2.43	43	337962	93.373	ug/l	98
17) Carbon Disulfide	2.56	76	307429	17.943	ug/l	100
18) Methyl Acetate	2.76	43	223533	22.178	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	407160	20.449	ug/l	100
20) Methylene Chloride	2.85	84	142429	20.483	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	124074	18.949	ug/l	98
22) Diisopropyl ether	3.84	45	433573	20.644	ug/l	93
23) Vinyl Acetate	3.80	43	1777485	101.732	ug/l	99
24) 1,1-Dichloroethane	3.69	63	232362	20.238	ug/l	97
25) 2-Butanone	4.66	43	549255	102.107	ug/l	100
26) 2,2-Dichloropropane	4.58	77	153084	16.115	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	145651	19.370	ug/l	99
28) Bromochloromethane	5.00	49	95855	21.119	ug/l	99
29) Tetrahydrofuran	5.12	42	356068	107.375	ug/l	99
30) Chloroform	5.20	83	224072	19.243	ug/l	98
31) Cyclohexane	5.58	56	196099	18.108	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	185047	19.017	ug/l	99
36) 1,1-Dichloropropene	5.79	75	163806	18.524	ug/l	99
37) Ethyl Acetate	4.82	43	210658	21.235	ug/l	99
38) Carbon Tetrachloride	5.78	117	155812	19.109	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194625	17.806	ug/l	99
40) Benzene	6.14	78	524760	19.485	ug/l	98
41) Methacrylonitrile	5.03	41	112383	20.657	ug/l	98
42) 1,2-Dichloroethane	6.18	62	183571	19.986	ug/l	100
43) Isopropyl Acetate	6.43	43	327520	20.054	ug/l	100
44) Trichloroethene	7.21	130	133766	18.097	ug/l	99
45) 1,2-Dichloropropane	7.51	63	134654	19.983	ug/l	96
46) Dibromomethane	7.65	93	89590	19.576	ug/l	100
47) Bromodichloromethane	7.89	83	168169	19.438	ug/l	96
48) Methyl methacrylate	7.76	41	165082	20.804	ug/l	99
49) 1,4-Dioxane	7.73	88	69454	391.024	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1068949	104.053	ug/l	100
52) Toluene	8.78	92	326198	19.496	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	181616	18.442	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	204545	19.012	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	134641	19.969	ug/l	95
56) Ethyl methacrylate	9.17	69	219350	20.235	ug/l	98
57) 1,3-Dichloropropane	9.37	76	229983	19.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	426673	100.391	ug/l	100
59) 2-Hexanone	9.49	43	819560	102.289	ug/l	99
60) Dibromochloromethane	9.58	129	135627	19.383	ug/l	99
61) 1,2-Dibromoethane	9.67	107	144641	20.086	ug/l	96
64) Tetrachloroethene	9.33	164	123955	18.971	ug/l	99
65) Chlorobenzene	10.14	112	349529	19.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	128638	19.693	ug/l	99
67) Ethyl Benzene	10.24	91	598629	19.150	ug/l	100
68) m/p-Xylenes	10.35	106	449565	37.564	ug/l	98
69) o-Xylene	10.70	106	225670	19.334	ug/l	99
70) Styrene	10.71	104	373514	19.023	ug/l	99
71) Bromoform	10.85	173	102101	18.890	ug/l #	99
73) Isopropylbenzene	11.01	105	582077	19.836	ug/l	98
74) N-amyl acetate	10.89	43	275860	20.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	217591	21.382	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	164903m	17.526	ug/l	
77) Bromobenzene	11.25	156	156004	19.679	ug/l	100
78) n-propylbenzene	11.35	91	648281	19.791	ug/l	99
79) 2-Chlorotoluene	11.42	91	389372	19.815	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	483207	20.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60383	17.558	ug/l	95
82) 4-Chlorotoluene	11.51	91	448221	19.694	ug/l	97
83) tert-Butylbenzene	11.77	119	481072	19.682	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	489314	20.047	ug/l	99
85) sec-Butylbenzene	11.94	105	550181	19.707	ug/l	100
86) p-Isopropyltoluene	12.06	119	501385	19.305	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	265027	19.179	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	268491	19.075	ug/l	99
89) n-Butylbenzene	12.38	91	416405	18.798	ug/l	99
90) Hexachloroethane	12.59	117	85651	18.245	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	272370	19.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45211	20.402	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	175644	18.459	ug/l	99
94) Hexachlorobutadiene	13.78	225	82596	18.069	ug/l	99
95) Naphthalene	13.83	128	571819	20.179	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	179731	19.077	ug/l	99

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

