

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
 Data File : VX014716.D
 Acq On : 27 Jan 2020 11:04
 Operator : JC/SP
 Sample : VX0127WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 11:18:25 AM

Quant Time: Jan 28 03:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	458358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	684583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	619553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310606	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	259123	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.48	113	211549	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	810799	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.13	95	280887	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	121801	20.118	ug/l	99
3) Chloromethane	1.32	50	125605	20.256	ug/l	97
4) Vinyl Chloride	1.40	62	137361	20.488	ug/l	96
5) Bromomethane	1.63	94	83773	18.396	ug/l	99
6) Chloroethane	1.72	64	78845	19.717	ug/l	98
7) Trichlorofluoromethane	1.92	101	152490	19.533	ug/l	100
8) Diethyl Ether	2.18	74	66137	19.410	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93599	20.424	ug/l	98
10) Methyl Iodide	2.50	142	113936	18.947	ug/l	99
11) Tert butyl alcohol	3.02	59	110007	91.543	ug/l	99
12) 1,1-Dichloroethene	2.36	96	87066	19.108	ug/l	95
13) Acrolein	2.28	56	85153	89.870	ug/l	99
14) Allyl chloride	2.72	41	159859	19.519	ug/l	97
15) Acrylonitrile	3.12	53	264877	95.264	ug/l	99
16) Acetone	2.43	43	302745	103.289	ug/l	98
17) Carbon Disulfide	2.56	76	237643	19.083	ug/l	99
18) Methyl Acetate	2.76	43	165804	19.801	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	299706	20.082	ug/l	99
20) Methylene Chloride	2.84	84	105528	19.441	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	95227	18.981	ug/l	97
22) Diisopropyl ether	3.84	45	335873	20.613	ug/l	93
23) Vinyl Acetate	3.80	43	1288534	103.738	ug/l	100
24) 1,1-Dichloroethane	3.69	63	176750	19.974	ug/l	99
25) 2-Butanone	4.65	43	405538	96.487	ug/l	98
26) 2,2-Dichloropropane	4.57	77	141812	20.021	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	108987	19.410	ug/l	99
28) Bromochloromethane	5.00	49	75936	19.528	ug/l	95
29) Tetrahydrofuran	5.11	42	239113	95.853	ug/l	100
30) Chloroform	5.20	83	174287	19.882	ug/l	100
31) Cyclohexane	5.57	56	162110	19.477	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	147976	19.971	ug/l	98
36) 1,1-Dichloropropene	5.79	75	130247	20.476	ug/l	99
37) Ethyl Acetate	4.81	43	147816	20.289	ug/l	99
38) Carbon Tetrachloride	5.77	117	126330	20.795	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	160960	20.198	ug/l	99
40) Benzene	6.13	78	402217	20.464	ug/l	99
41) Methacrylonitrile	5.02	41	81285	19.400	ug/l	98
42) 1,2-Dichloroethane	6.18	62	142624	21.014	ug/l	99
43) Isopropyl Acetate	6.43	43	235642	19.751	ug/l	99
44) Trichloroethene	7.20	130	109265	19.681	ug/l	99
45) 1,2-Dichloropropane	7.50	63	103758	20.491	ug/l	97
46) Dibromomethane	7.65	93	67512	20.587	ug/l	100
47) Bromodichloromethane	7.89	83	132560	20.610	ug/l	97
48) Methyl methacrylate	7.76	41	116419	20.423	ug/l	99
49) 1,4-Dioxane	7.73	88	48566	401.923	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	748783	99.440	ug/l	100
52) Toluene	8.78	92	252479	20.897	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	143303	20.692	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	164431	21.582	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103473	20.918	ug/l	96
56) Ethyl methacrylate	9.17	69	154696	19.573	ug/l	99
57) 1,3-Dichloropropane	9.36	76	173880	20.563	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	256277	103.019	ug/l	100
59) 2-Hexanone	9.48	43	584450	100.023	ug/l	99
60) Dibromochloromethane	9.57	129	105640	20.460	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107965	20.643	ug/l	97
64) Tetrachloroethene	9.33	164	117079	19.091	ug/l	97
65) Chlorobenzene	10.13	112	269943	20.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99015	20.265	ug/l	99
67) Ethyl Benzene	10.25	91	468830	20.719	ug/l	99
68) m/p-Xylenes	10.35	106	359497	41.937	ug/l	97
69) o-Xylene	10.70	106	174187	21.048	ug/l	98
70) Styrene	10.71	104	297057	21.398	ug/l	100
71) Bromoform	10.85	173	79645	20.498	ug/l #	98
73) Isopropylbenzene	11.01	105	459749	21.051	ug/l	100
74) N-amyl acetate	10.89	43	193106	20.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	150901	19.352	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	129240m	17.884	ug/l	
77) Bromobenzene	11.25	156	120908	20.607	ug/l	97
78) n-propylbenzene	11.35	91	531580	21.443	ug/l	100
79) 2-Chlorotoluene	11.42	91	315899	21.061	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	390560	21.547	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47693	18.782	ug/l	93
82) 4-Chlorotoluene	11.51	91	359699	21.064	ug/l	100
83) tert-Butylbenzene	11.76	119	363152	21.321	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	390860	21.498	ug/l	99
85) sec-Butylbenzene	11.94	105	445665	21.358	ug/l	100
86) p-Isopropyltoluene	12.06	119	411009	21.314	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	212177	20.122	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	214576	20.315	ug/l	99
89) n-Butylbenzene	12.39	91	352738	21.003	ug/l	99
90) Hexachloroethane	12.59	117	72831	20.334	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	214257	20.459	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31921	19.053	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139175	20.613	ug/l	98
94) Hexachlorobutadiene	13.78	225	73078	21.029	ug/l	99
95) Naphthalene	13.83	128	404072	19.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141385	20.709	ug/l	97

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

