

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013788.D
 Acq On : 06 Dec 2019 10:36
 Operator : JC/SP
 Sample : VX1206WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:07:51 AM

Quant Time: Dec 07 02:59:21 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	733470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1085418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	975909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	491560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	415424	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.49	113	351685	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	8.71	98	1338445	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	484111	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	170314	20.862	ug/l	99
3) Chloromethane	1.32	50	181457	19.809	ug/l	98
4) Vinyl Chloride	1.41	62	215734	20.924	ug/l	100
5) Bromomethane	1.63	94	126349	18.248	ug/l	97
6) Chloroethane	1.72	64	122338	20.852	ug/l	97
7) Trichlorofluoromethane	1.92	101	238734	20.852	ug/l	99
8) Diethyl Ether	2.18	74	108476	20.943	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	148916	21.295	ug/l	97
10) Methyl Iodide	2.50	142	159411	18.845	ug/l	100
11) Tert butyl alcohol	3.03	59	190651	90.721	ug/l	100
12) 1,1-Dichloroethene	2.37	96	145915	20.904	ug/l	98
13) Acrolein	2.28	56	65976	51.820	ug/l	97
14) Allyl chloride	2.72	41	254391	20.082	ug/l	97
15) Acrylonitrile	3.13	53	427828	98.626	ug/l	100
16) Acetone	2.43	43	450693	107.220	ug/l	99
17) Carbon Disulfide	2.56	76	378984	19.046	ug/l	99
18) Methyl Acetate	2.76	43	249816	21.343	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	491596	21.259	ug/l	97
20) Methylene Chloride	2.85	84	164369	20.354	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	154513	20.319	ug/l	97
22) Diisopropyl ether	3.84	45	525362	21.539	ug/l	96
23) Vinyl Acetate	3.80	43	2109478	103.961	ug/l	100
24) 1,1-Dichloroethane	3.69	63	281460	21.109	ug/l	99
25) 2-Butanone	4.65	43	634502	101.567	ug/l	99
26) 2,2-Dichloropropane	4.58	77	231111	20.949	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	178991	20.497	ug/l	99
28) Bromochloromethane	5.01	49	112737	21.388	ug/l	99
29) Tetrahydrofuran	5.11	42	387982	100.745	ug/l	100
30) Chloroform	5.20	83	279303	20.654	ug/l	98
31) Cyclohexane	5.57	56	259378	20.624	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	235593	20.848	ug/l	99
36) 1,1-Dichloropropene	5.79	75	206574	20.966	ug/l	98
37) Ethyl Acetate	4.82	43	235901	21.342	ug/l	99
38) Carbon Tetrachloride	5.78	117	201244	22.151	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	265798	21.824	ug/l	96
40) Benzene	6.14	78	636215	21.201	ug/l	99
41) Methacrylonitrile	5.03	41	130336	21.501	ug/l	99
42) 1,2-Dichloroethane	6.18	62	224930	21.978	ug/l	98
43) Isopropyl Acetate	6.43	43	380888	20.931	ug/l	99
44) Trichloroethene	7.20	130	174447	21.182	ug/l	100
45) 1,2-Dichloropropane	7.50	63	168588	22.454	ug/l	94
46) Dibromomethane	7.65	93	108048	21.189	ug/l	99
47) Bromodichloromethane	7.89	83	217930	22.607	ug/l	100
48) Methyl methacrylate	7.76	41	190186	21.510	ug/l	98
49) 1,4-Dioxane	7.73	88	77493	391.554	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	1213816	106.042	ug/l	100
52) Toluene	8.78	92	409218	21.951	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	235726	21.483	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	264909	22.098	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	164078	21.840	ug/l	97
56) Ethyl methacrylate	9.17	69	265815	22.008	ug/l	99
57) 1,3-Dichloropropane	9.37	76	277201	21.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	387483	81.823	ug/l	100
59) 2-Hexanone	9.48	43	931584	104.350	ug/l	100
60) Dibromochloromethane	9.57	129	175373	22.494	ug/l	99
61) 1,2-Dibromoethane	9.67	107	172169	21.457	ug/l	99
64) Tetrachloroethene	9.33	164	156389	21.489	ug/l	95
65) Chlorobenzene	10.14	112	440129	21.722	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	164141	22.560	ug/l	99
67) Ethyl Benzene	10.25	91	780124	22.406	ug/l	100
68) m/p-Xylenes	10.35	106	596596	44.755	ug/l	100
69) o-Xylene	10.70	106	289735	22.286	ug/l	100
70) Styrene	10.71	104	481051	21.996	ug/l	98
71) Bromoform	10.85	173	130501	21.677	ug/l #	98
73) Isopropylbenzene	11.01	105	770773	22.354	ug/l	100
74) N-amyl acetate	10.89	43	340012	21.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	262057	21.915	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	208001m	18.813	ug/l	
77) Bromobenzene	11.25	156	199593	21.427	ug/l	98
78) n-propylbenzene	11.35	91	867085	22.527	ug/l	100
79) 2-Chlorotoluene	11.42	91	515743	22.336	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	649992	23.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	82404	20.391	ug/l	98
82) 4-Chlorotoluene	11.51	91	590741	22.089	ug/l	98
83) tert-Butylbenzene	11.76	119	656120	22.845	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	645025	22.489	ug/l	99
85) sec-Butylbenzene	11.94	105	758818	23.131	ug/l	99
86) p-Isopropyltoluene	12.06	119	698199	22.878	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	359156	22.118	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	354123	21.411	ug/l	99
89) n-Butylbenzene	12.39	91	592900	22.778	ug/l	100
90) Hexachloroethane	12.59	117	123995	22.478	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	353464	22.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53702	20.623	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	245422	21.949	ug/l	99
94) Hexachlorobutadiene	13.78	225	124690	23.214	ug/l	97
95) Naphthalene	13.83	128	719700	21.614	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	243044	21.954	ug/l	99

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

