

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004674.D
 Acq On : 18 Sep 2018 23:23
 Operator : JC/MD
 Sample : VX0918WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Manual Integrations
 APPROVED

apatel
 9/21/2018 11:00:42 AM

Quant Time: Sep 19 07:25:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	271212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157571	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
35) Dibromofluoromethane	5.50	113	143162	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
50) Toluene-d8	8.71	98	488763	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	
62) 4-Bromofluorobenzene	11.14	95	176828	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45800	18.02	ug/l	96
3) Chloromethane	1.32	50	60356	17.25	ug/l	99
4) Vinyl Chloride	1.40	62	66933	18.64	ug/l	97
5) Bromomethane	1.64	94	32714	21.08	ug/l	90
6) Chloroethane	1.72	64	39621	17.07	ug/l	97
7) Trichlorofluoromethane	1.93	101	86117	18.09	ug/l	100
8) Diethyl Ether	2.18	74	40532	19.00	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52833	17.50	ug/l	96
10) Methyl Iodide	2.51	142	54926	18.18	ug/l	96
11) Tert butyl alcohol	3.07	59	88154	105.64	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53395	18.84	ug/l	95
13) Acrolein	2.29	56	16322	49.55	ug/l	94
14) Allyl chloride	2.73	41	102513	17.60	ug/l	96
15) Acrylonitrile	3.15	53	182618	90.88	ug/l	97
16) Acetone	2.45	43	143422	84.03	ug/l	94
17) Carbon Disulfide	2.57	76	140407	17.14	ug/l	97
18) Methyl Acetate	2.78	43	90070	18.81	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	188911	19.00	ug/l	94
20) Methylene Chloride	2.85	84	63089	18.02	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	59180	18.90	ug/l	93
22) Diisopropyl ether	3.87	45	195894	18.67	ug/l	99
23) Vinyl Acetate	3.82	43	775314	91.31	ug/l	99
24) 1,1-Dichloroethane	3.69	63	110434	18.64	ug/l	98
25) 2-Butanone	4.70	43	234646	86.38	ug/l	98
26) 2,2-Dichloropropane	4.58	77	65345	16.06	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	66963	19.16	ug/l	98
28) Bromochloromethane	5.02	49	48604	17.94	ug/l	98
29) Tetrahydrofuran	5.15	42	149575	91.31	ug/l	100
30) Chloroform	5.21	83	108983	18.84	ug/l	99
31) Cyclohexane	5.57	56	94641	18.71	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	87181	18.72	ug/l	99
36) 1,1-Dichloropropene	5.80	75	78035	17.76	ug/l	98
37) Ethyl Acetate	4.85	43	86690	17.35	ug/l	99
38) Carbon Tetrachloride	5.78	117	74777	17.43	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79818	17.41	ug/l	99
40) Benzene	6.14	78	234866	18.02	ug/l	97
41) Methacrylonitrile	5.06	41	47730	17.34	ug/l	98
42) 1,2-Dichloroethane	6.20	62	73634	17.03	ug/l	100
43) Isopropyl Acetate	6.46	43	115361	17.39	ug/l	98
44) Trichloroethene	7.22	130	66414	19.61	ug/l	84
45) 1,2-Dichloropropane	7.52	63	55897	17.82	ug/l	98
46) Dibromomethane	7.66	93	35710	18.02	ug/l	97
47) Bromodichloromethane	7.90	83	65252	17.42	ug/l	100
48) Methyl methacrylate	7.77	41	57862	17.62	ug/l	97
49) 1,4-Dioxane	7.75	88	30061	386.76	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	385738	82.37	ug/l	99
52) Toluene	8.79	92	134977	17.58	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	74378	16.99	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	78643	17.63	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	59665	18.05	ug/l	93
56) Ethyl methacrylate	9.18	69	88285	18.87	ug/l	97
57) 1,3-Dichloropropane	9.37	76	97431	18.14	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	203837	90.32	ug/l	98
59) 2-Hexanone	9.49	43	310164	86.35	ug/l	96
60) Dibromochloromethane	9.59	129	53420	17.16	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57057	18.06	ug/l	99
64) Tetrachloroethene	9.34	164	83766	20.62	ug/l	94
65) Chlorobenzene	10.14	112	153778	19.03	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	52289	18.76	ug/l	98
67) Ethyl Benzene	10.26	91	252811	19.24	ug/l	99
68) m/p-Xylenes	10.36	106	198446	39.21	ug/l	98
69) o-Xylene	10.70	106	96878	19.91	ug/l	98
70) Styrene	10.71	104	159604	19.80	ug/l	99
71) Bromoform	10.86	173	42077	18.39	ug/l #	99
73) Isopropylbenzene	11.02	105	261988	18.52	ug/l	100
74) N-amyl acetate	10.90	43	100016	16.80	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73699	16.15	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	74637m	17.27	ug/l	
77) Bromobenzene	11.26	156	70968	18.15	ug/l	99
78) n-propylbenzene	11.36	91	294421	18.10	ug/l	100
79) 2-Chlorotoluene	11.42	91	179979	18.24	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239865	20.17	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	20999	15.49	ug/l	98
82) 4-Chlorotoluene	11.51	91	219027	19.02	ug/l	99
83) tert-Butylbenzene	11.77	119	240399	21.23	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	270701	22.29	ug/l	96
85) sec-Butylbenzene	11.94	105	322326	22.34	ug/l	97
86) p-Isopropyltoluene	12.07	119	270070	21.20	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	151476	20.76	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	151311	20.07	ug/l	98
89) n-Butylbenzene	12.39	91	222034	19.12	ug/l	96
90) Hexachloroethane	12.60	117	37430	18.35	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	143579	19.44	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20125	20.66	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116348	22.25	ug/l	98
94) Hexachlorobutadiene	13.79	225	54501	19.96	ug/l	92
95) Naphthalene	13.83	128	339404	23.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115814	21.56	ug/l	99

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

