

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016140.D
 Acq On : 11 May 2020 11:48
 Operator : JC/SP
 Sample : VX0511WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Manual Integrations
 APPROVED

apatel
 5/12/2020 2:07:06 PM

Quant Time: May 11 18:41:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	320688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	500583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189551	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
35) Dibromofluoromethane	5.46	113	148352	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
50) Toluene-d8	8.70	98	584674	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.12	95	221454	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	64388	18.969	ug/l	100
3) Chloromethane	1.32	50	70351	17.846	ug/l	99
4) Vinyl Chloride	1.40	62	75378	17.923	ug/l	99
5) Bromomethane	1.63	94	43163	20.357	ug/l	95
6) Chloroethane	1.72	64	46044	17.993	ug/l	100
7) Trichlorofluoromethane	1.92	101	98068	17.761	ug/l	100
8) Diethyl Ether	2.17	74	40242	17.298	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59686	18.736	ug/l	98
10) Methyl Iodide	2.49	142	58286	13.622	ug/l	98
11) Tert butyl alcohol	3.01	59	92508	86.690	ug/l	100
12) 1,1-Dichloroethene	2.36	96	58788	17.635	ug/l	93
13) Acrolein	2.28	56	35280	52.833	ug/l	96
14) Allyl chloride	2.71	41	109896	17.980	ug/l	97
15) Acrylonitrile	3.12	53	197948	89.418	ug/l	98
16) Acetone	2.42	43	158927	84.406	ug/l	95
17) Carbon Disulfide	2.55	76	177598	17.606	ug/l	100
18) Methyl Acetate	2.75	43	85298	18.425	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	214777	18.690	ug/l	98
20) Methylene Chloride	2.84	84	68509	17.650	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	65148	17.537	ug/l	97
22) Diisopropyl ether	3.82	45	213473	18.513	ug/l	100
23) Vinyl Acetate	3.79	43	931000	91.769	ug/l	100
24) 1,1-Dichloroethane	3.67	63	120451	18.673	ug/l	99
25) 2-Butanone	4.64	43	272226	89.722	ug/l	99
26) 2,2-Dichloropropane	4.55	77	108146	18.358	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	75194	18.515	ug/l	98
28) Bromochloromethane	4.98	49	55549	18.886	ug/l	98
29) Tetrahydrofuran	5.09	42	180496	89.781	ug/l	100
30) Chloroform	5.18	83	119209	18.561	ug/l	99
31) Cyclohexane	5.56	56	109659	18.706	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	108678	18.616	ug/l	99
36) 1,1-Dichloropropene	5.77	75	92255	18.722	ug/l	99
37) Ethyl Acetate	4.79	43	104578	18.311	ug/l	99
38) Carbon Tetrachloride	5.76	117	94646	18.897	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	111983	18.871	ug/l	99
40) Benzene	6.12	78	273895	18.997	ug/l	99
41) Methacrylonitrile	5.01	41	57933	18.783	ug/l	98
42) 1,2-Dichloroethane	6.17	62	94770	18.247	ug/l	99
43) Isopropyl Acetate	6.41	43	168855	18.530	ug/l	99
44) Trichloroethene	7.19	130	97537	19.042	ug/l	96
45) 1,2-Dichloropropane	7.49	63	70871	19.426	ug/l	99
46) Dibromomethane	7.64	93	46592	18.793	ug/l	99
47) Bromodichloromethane	7.88	83	96366	19.085	ug/l	96
48) Methyl methacrylate	7.74	41	77871	18.035	ug/l	97
49) 1,4-Dioxane	7.71	88	38303	369.875	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	521381	93.501	ug/l	98
52) Toluene	8.77	92	171974	19.136	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	113637	18.876	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	118750	18.885	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	68116	19.265	ug/l	99
56) Ethyl methacrylate	9.16	69	109903	19.043	ug/l	98
57) 1,3-Dichloropropane	9.35	76	118921	19.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	277791	90.410	ug/l	99
59) 2-Hexanone	9.47	43	403849	92.221	ug/l	100
60) Dibromochloromethane	9.57	129	74589	19.154	ug/l	99
61) 1,2-Dibromoethane	9.65	107	72056	18.814	ug/l	99
64) Tetrachloroethene	9.32	164	110724	19.411	ug/l	98
65) Chlorobenzene	10.12	112	183566	18.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	68633	19.086	ug/l	99
67) Ethyl Benzene	10.24	91	328379	18.916	ug/l	100
68) m/p-Xylenes	10.34	106	247551	38.062	ug/l	99
69) o-Xylene	10.68	106	119500	19.114	ug/l	98
70) Styrene	10.70	104	198023	18.670	ug/l	99
71) Bromoform	10.84	173	55639	18.991	ug/l #	99
73) Isopropylbenzene	11.00	105	320106	18.884	ug/l	99
74) N-amyl acetate	10.88	43	141350	17.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	54458	18.727	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	98431m	18.612	ug/l	
77) Bromobenzene	11.24	156	79945	18.271	ug/l	99
78) n-propylbenzene	11.35	91	367365	18.629	ug/l	100
79) 2-Chlorotoluene	11.41	91	214009	18.385	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	270019	18.866	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39876	17.968	ug/l	98
82) 4-Chlorotoluene	11.49	91	253455	18.438	ug/l	100
83) tert-Butylbenzene	11.76	119	230014	18.648	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	271016	18.729	ug/l	100
85) sec-Butylbenzene	11.93	105	310138	18.622	ug/l	99
86) p-Isopropyltoluene	12.05	119	287576	18.598	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	142351	18.119	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	144741	18.152	ug/l	99
89) n-Butylbenzene	12.37	91	253150	17.921	ug/l	100
90) Hexachloroethane	12.58	117	48903	18.416	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	140355	18.554	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23522	16.875	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	101588	18.138	ug/l	98
94) Hexachlorobutadiene	13.77	225	46477	19.593	ug/l	98
95) Naphthalene	13.82	128	328194	18.097	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	101119	18.474	ug/l	98

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

