

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011071.D
 Acq On : 25 Jul 2019 12:32
 Operator : JC/SP
 Sample : VX0725WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 9:49:25 AM

Quant Time: Jul 26 01:52:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	148629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111407	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	5.50	113	99523	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	372819	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	136396	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	39967	18.532	ug/l	98
3) Chloromethane	1.32	50	34875	18.399	ug/l	99
4) Vinyl Chloride	1.41	62	36657	18.960	ug/l	98
5) Bromomethane	1.64	94	22935	21.051	ug/l	99
6) Chloroethane	1.72	64	23224	18.902	ug/l	99
7) Trichlorofluoromethane	1.93	101	63429	19.381	ug/l	99
8) Diethyl Ether	2.19	74	21622	19.175	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36268	19.409	ug/l	99
10) Methyl Iodide	2.51	142	42238	17.225	ug/l	99
11) Tert butyl alcohol	3.04	59	49828	97.571	ug/l	98
12) 1,1-Dichloroethene	2.37	96	35142	19.141	ug/l	99
13) Acrolein	2.29	56	20712	70.197	ug/l	99
14) Allyl chloride	2.73	41	50295	18.860	ug/l	99
15) Acrylonitrile	3.14	53	101562	98.419	ug/l	99
16) Acetone	2.45	43	85448	86.278	ug/l	96
17) Carbon Disulfide	2.57	76	78503	16.669	ug/l	100
18) Methyl Acetate	2.78	43	46087	20.437	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	115739	19.582	ug/l	100
20) Methylene Chloride	2.85	84	40295	19.199	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	36515	18.744	ug/l	97
22) Diisopropyl ether	3.85	45	111880	19.892	ug/l	99
23) Vinyl Acetate	3.81	43	463865	97.337	ug/l	99
24) 1,1-Dichloroethane	3.70	63	63953	19.579	ug/l	99
25) 2-Butanone	4.67	43	137294	96.572	ug/l	98
26) 2,2-Dichloropropane	4.59	77	47001	17.524	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	43877	19.462	ug/l	98
28) Bromochloromethane	5.01	49	28741	18.672	ug/l	100
29) Tetrahydrofuran	5.13	42	88299	98.051	ug/l	99
30) Chloroform	5.21	83	69004	19.544	ug/l	99
31) Cyclohexane	5.58	56	56180	18.869	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	59362	19.434	ug/l	98
36) 1,1-Dichloropropene	5.81	75	48753	19.118	ug/l	98
37) Ethyl Acetate	4.83	43	50036	19.162	ug/l	97
38) Carbon Tetrachloride	5.79	117	50505	19.006	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59890	18.110	ug/l	99
40) Benzene	6.14	78	149908	19.191	ug/l	100
41) Methacrylonitrile	5.04	41	28345	19.122	ug/l	96
42) 1,2-Dichloroethane	6.20	62	53212	19.592	ug/l	99
43) Isopropyl Acetate	6.44	43	82360	19.182	ug/l	99
44) Trichloroethene	7.21	130	42993	18.594	ug/l	89
45) 1,2-Dichloropropane	7.51	63	37837	19.031	ug/l	98
46) Dibromomethane	7.66	93	28931	20.364	ug/l	96
47) Bromodichloromethane	7.90	83	49278	19.486	ug/l	94
48) Methyl methacrylate	7.77	41	41073	19.637	ug/l	97
49) 1,4-Dioxane	7.74	88	21985	375.760	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	274502	98.625	ug/l	100
52) Toluene	8.78	92	98130	19.123	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	51129	18.803	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	57452	18.987	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41180	19.490	ug/l	99
56) Ethyl methacrylate	9.18	69	60704	19.641	ug/l	99
57) 1,3-Dichloropropane	9.37	76	66049	19.705	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	144861	98.186	ug/l	99
59) 2-Hexanone	9.49	43	214134	99.193	ug/l	100
60) Dibromochloromethane	9.58	129	41609	18.774	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43509	19.403	ug/l	99
64) Tetrachloroethene	9.34	164	43361	19.470	ug/l	96
65) Chlorobenzene	10.13	112	111726	19.215	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	39907	19.528	ug/l	98
67) Ethyl Benzene	10.25	91	189150	19.111	ug/l	98
68) m/p-Xylenes	10.36	106	146315	38.540	ug/l	100
69) o-Xylene	10.69	106	71322	19.249	ug/l	100
70) Styrene	10.71	104	120523	19.513	ug/l	100
71) Bromoform	10.85	173	29799	17.748	ug/l #	99
73) Isopropylbenzene	11.02	105	193754	19.293	ug/l	100
74) N-amyl acetate	10.90	43	73700	19.206	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	63731	19.391	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	54047m	20.151	ug/l	
77) Bromobenzene	11.25	156	51828	18.709	ug/l	98
78) n-propylbenzene	11.36	91	216221	19.485	ug/l	98
79) 2-Chlorotoluene	11.42	91	125985	18.900	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160436	19.118	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15444	17.407	ug/l	89
82) 4-Chlorotoluene	11.51	91	147411	19.000	ug/l	100
83) tert-Butylbenzene	11.77	119	159276	19.323	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	163577	19.340	ug/l	100
85) sec-Butylbenzene	11.94	105	188541	19.521	ug/l	100
86) p-Isopropyltoluene	12.06	119	171758	19.235	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	90945	18.918	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	92077	18.675	ug/l	99
89) n-Butylbenzene	12.38	91	143093	18.731	ug/l	100
90) Hexachloroethane	12.59	117	25571	18.156	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	93506	19.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13646	19.863	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61482	19.041	ug/l	99
94) Hexachlorobutadiene	13.78	225	30134	18.833	ug/l	98
95) Naphthalene	13.83	128	183181	19.212	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	63095	19.639	ug/l	99

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

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