

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011111.D
 Acq On : 27 Jul 2019 00:23
 Operator : JC/SP
 Sample : VX0726WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:04 AM

Quant Time: Jul 27 04:19:08 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	5.66	168	186872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135256	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106317	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	5.50	113	94678	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	8.71	98	348935	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.13	95	128561	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	35290	18.063	ug/l	98
3) Chloromethane	1.33	50	31830	18.522	ug/l	99
4) Vinyl Chloride	1.41	62	33945	19.366	ug/l	100
5) Bromomethane	1.64	94	20922	21.181	ug/l	97
6) Chloroethane	1.72	64	21990	19.741	ug/l	97
7) Trichlorofluoromethane	1.93	101	58488	19.712	ug/l	97
8) Diethyl Ether	2.19	74	20476	20.029	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31591	18.647	ug/l	98
10) Methyl Iodide	2.51	142	36648	16.484	ug/l	100
11) Tert butyl alcohol	3.04	59	47922	103.504	ug/l	99
12) 1,1-Dichloroethene	2.37	96	32772	19.689	ug/l	97
13) Acrolein	2.29	56	17006	63.573	ug/l	99
14) Allyl chloride	2.73	41	45532	18.832	ug/l	99
15) Acrylonitrile	3.14	53	93942	100.412	ug/l	98
16) Acetone	2.44	43	80450	89.599	ug/l	97
17) Carbon Disulfide	2.57	76	69767	16.340	ug/l	99
18) Methyl Acetate	2.78	43	46308	22.650	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	108661	20.279	ug/l	98
20) Methylene Chloride	2.85	84	36441	19.151	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33396	18.909	ug/l	96
22) Diisopropyl ether	3.85	45	102708	20.142	ug/l	98
23) Vinyl Acetate	3.81	43	417857	96.714	ug/l	99
24) 1,1-Dichloroethane	3.70	63	58622	19.795	ug/l	98
25) 2-Butanone	4.67	43	129738	100.657	ug/l	99
26) 2,2-Dichloropropane	4.59	77	34004	13.984	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	39832	19.487	ug/l	96
28) Bromochloromethane	5.01	49	25417	18.213	ug/l	98
29) Tetrahydrofuran	5.13	42	82507	101.056	ug/l	99
30) Chloroform	5.21	83	62696	19.587	ug/l	99
31) Cyclohexane	5.58	56	49106	18.192	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	53895	19.461	ug/l	99
36) 1,1-Dichloropropene	5.80	75	42751	18.283	ug/l	99
37) Ethyl Acetate	4.84	43	47623	19.890	ug/l	96
38) Carbon Tetrachloride	5.79	117	45897	18.837	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51720	17.056	ug/l	95
40) Benzene	6.14	78	138364	19.318	ug/l	97
41) Methacrylonitrile	5.04	41	25094	18.462	ug/l	98
42) 1,2-Dichloroethane	6.19	62	48915	19.641	ug/l	99
43) Isopropyl Acetate	6.44	43	76610	19.459	ug/l	99
44) Trichloroethene	7.21	130	39724	18.736	ug/l	94
45) 1,2-Dichloropropane	7.51	63	35289	19.357	ug/l	96
46) Dibromomethane	7.66	93	25521	19.591	ug/l	99
47) Bromodichloromethane	7.90	83	45170	19.479	ug/l	96
48) Methyl methacrylate	7.77	41	37608	19.609	ug/l	98
49) 1,4-Dioxane	7.74	88	21739	405.214	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	259112	101.529	ug/l	100
52) Toluene	8.78	92	88518	18.812	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44072	17.676	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	50564	18.225	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	37812	19.517	ug/l	97
56) Ethyl methacrylate	9.18	69	55991	19.757	ug/l	99
57) 1,3-Dichloropropane	9.37	76	58590	19.063	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	135524	100.179	ug/l	99
59) 2-Hexanone	9.49	43	200551	101.317	ug/l	100
60) Dibromochloromethane	9.58	129	37434	18.468	ug/l	100
61) 1,2-Dibromoethane	9.67	107	40603	19.748	ug/l	98
64) Tetrachloroethene	9.34	164	39796	19.442	ug/l	98
65) Chlorobenzene	10.13	112	102202	19.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	35877	19.102	ug/l	97
67) Ethyl Benzene	10.25	91	171033	18.803	ug/l	100
68) m/p-Xylenes	10.36	106	131535	37.697	ug/l	99
69) o-Xylene	10.69	106	64700	19.000	ug/l	99
70) Styrene	10.71	104	110889	19.534	ug/l	99
71) Bromoform	10.85	173	27503	17.812	ug/l #	99
73) Isopropylbenzene	11.02	105	176185	19.278	ug/l	99
74) N-amyl acetate	10.90	43	68440	19.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59305	19.829	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	49869m	20.432	ug/l	
77) Bromobenzene	11.25	156	48118	19.087	ug/l	99
78) n-propylbenzene	11.36	91	191847	18.998	ug/l	99
79) 2-Chlorotoluene	11.42	91	116152	19.148	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	145432	19.044	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	13487	16.865	ug/l	93
82) 4-Chlorotoluene	11.51	91	133556	18.916	ug/l	100
83) tert-Butylbenzene	11.77	119	144680	19.288	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	148106	19.242	ug/l	100
85) sec-Butylbenzene	11.94	105	169796	19.318	ug/l	100
86) p-Isopropyltoluene	12.06	119	157041	19.326	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	83998	19.200	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84307	18.790	ug/l	98
89) n-Butylbenzene	12.38	91	127688	18.368	ug/l	99
90) Hexachloroethane	12.59	117	23201	18.102	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	85879	19.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12986	20.771	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	57012	19.402	ug/l	99
94) Hexachlorobutadiene	13.78	225	27416	18.828	ug/l	99
95) Naphthalene	13.83	128	178595	20.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58427	19.984	ug/l	98

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

