

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009820.D
 Acq On : 22 May 2019 22:34
 Operator : JC/SP
 Sample : VX0522MBS02
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS02

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:38:34 AM

Quant Time: May 23 08:25:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	173457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123392	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110774	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.50	113	79056	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	
50) Toluene-d8	8.71	98	321394	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
62) 4-Bromofluorobenzene	11.13	95	114099	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24472	15.310	ug/l	96
3) Chloromethane	1.32	50	37701	17.276	ug/l	100
4) Vinyl Chloride	1.41	62	36985	17.380	ug/l	95
5) Bromomethane	1.64	94	24305	19.029	ug/l	95
6) Chloroethane	1.72	64	22628	16.562	ug/l	95
7) Trichlorofluoromethane	1.93	101	44645	17.260	ug/l	99
8) Diethyl Ether	2.19	74	20024	16.343	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26937	16.583	ug/l	99
10) Methyl Iodide	2.51	142	26635	17.410	ug/l	99
11) Tert butyl alcohol	3.04	59	56162	102.465	ug/l	98
12) 1,1-Dichloroethene	2.37	96	27722	17.033	ug/l	93
13) Acrolein	2.29	56	37840	76.231	ug/l	99
14) Allyl chloride	2.73	41	67246	16.954	ug/l	99
15) Acrylonitrile	3.14	53	114115	85.150	ug/l	100
16) Acetone	2.45	43	101993	80.217	ug/l	99
17) Carbon Disulfide	2.57	76	79233	17.340	ug/l	99
18) Methyl Acetate	2.78	43	50092	16.566	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	106184	16.801	ug/l	99
20) Methylene Chloride	2.85	84	34041	16.535	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	30198	17.109	ug/l	91
22) Diisopropyl ether	3.85	45	134725	17.663	ug/l	92
23) Vinyl Acetate	3.81	43	586337	89.769	ug/l	99
24) 1,1-Dichloroethane	3.70	63	63643	16.914	ug/l	99
25) 2-Butanone	4.67	43	171070	86.582	ug/l	97
26) 2,2-Dichloropropane	4.59	77	39140	13.975	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	34821	16.528	ug/l	98
28) Bromochloromethane	5.01	49	32154	19.559	ug/l	98
29) Tetrahydrofuran	5.13	42	112515	88.495	ug/l	98
30) Chloroform	5.21	83	57332	16.846	ug/l	98
31) Cyclohexane	5.58	56	61452	17.554	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	47354	16.715	ug/l	99
36) 1,1-Dichloropropene	5.80	75	43843	16.911	ug/l	98
37) Ethyl Acetate	4.84	43	63975	17.711	ug/l	100
38) Carbon Tetrachloride	5.79	117	39843	16.915	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52869	16.605	ug/l	100
40) Benzene	6.14	78	137845	17.180	ug/l	99
41) Methacrylonitrile	5.04	41	36210	16.840	ug/l	99
42) 1,2-Dichloroethane	6.20	62	50626	17.590	ug/l	99
43) Isopropyl Acetate	6.45	43	99948	17.299	ug/l	99
44) Trichloroethene	7.21	130	32128	16.564	ug/l	100
45) 1,2-Dichloropropane	7.51	63	39166	17.239	ug/l	100
46) Dibromomethane	7.66	93	22356	16.945	ug/l	98
47) Bromodichloromethane	7.90	83	43843	16.660	ug/l	94
48) Methyl methacrylate	7.77	41	50116	17.483	ug/l	97
49) 1,4-Dioxane	7.74	88	19341	332.705	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	334297	88.520	ug/l	98
52) Toluene	8.78	92	83034	17.025	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	48752	16.408	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	53557	16.285	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	33669	16.921	ug/l	99
56) Ethyl methacrylate	9.18	69	59832	16.845	ug/l	96
57) 1,3-Dichloropropane	9.37	76	58681	16.759	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	158494	84.116	ug/l	99
59) 2-Hexanone	9.49	43	257501	86.817	ug/l	98
60) Dibromochloromethane	9.58	129	31606	16.264	ug/l	100
61) 1,2-Dibromoethane	9.67	107	33594	16.726	ug/l	99
64) Tetrachloroethene	9.34	164	29735	17.177	ug/l	98
65) Chlorobenzene	10.14	112	85149	16.867	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	30224	16.514	ug/l	99
67) Ethyl Benzene	10.25	91	157338	16.935	ug/l	99
68) m/p-Xylenes	10.36	106	115793	34.105	ug/l	97
69) o-Xylene	10.70	106	55783	16.652	ug/l	97
70) Styrene	10.71	104	97211	16.696	ug/l	99
71) Bromoform	10.85	173	23494	15.796	ug/l #	99
73) Isopropylbenzene	11.02	105	151248	16.856	ug/l	100
74) N-amyl acetate	10.90	43	88152	16.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	55476	16.585	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	47836m	16.713	ug/l	
77) Bromobenzene	11.26	156	37017	16.621	ug/l	100
78) n-propylbenzene	11.36	91	171276	16.714	ug/l	100
79) 2-Chlorotoluene	11.42	91	103670	16.398	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	125853	16.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15875	14.191	ug/l	91
82) 4-Chlorotoluene	11.51	91	120440	16.863	ug/l	99
83) tert-Butylbenzene	11.77	119	119205	16.219	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	126542	16.686	ug/l	100
85) sec-Butylbenzene	11.94	105	142807	16.389	ug/l	100
86) p-Isopropyltoluene	12.06	119	130396	16.646	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	64850	16.334	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	64846	16.200	ug/l	97
89) n-Butylbenzene	12.38	91	114351	16.151	ug/l	99
90) Hexachloroethane	12.60	117	20503	15.363	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	65430	16.180	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12654	16.864	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45343	16.397	ug/l	99
94) Hexachlorobutadiene	13.78	225	23244	16.460	ug/l	99
95) Naphthalene	13.83	128	148736	16.532	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47057	16.787	ug/l	99

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

