

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007789.D
 Acq On : 01 Mar 2019 15:00
 Operator : JC/SP
 Sample : VX0301MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301MBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 1:36:17 PM

Quant Time: Mar 01 22:52:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	384573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193837	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171227	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
35) Dibromofluoromethane	5.51	113	142947	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	8.71	98	544816	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	193439	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48393	17.729	ug/l	97
3) Chloromethane	1.33	50	56594	18.710	ug/l	99
4) Vinyl Chloride	1.41	62	59252	19.093	ug/l	99
5) Bromomethane	1.64	94	34513	16.618	ug/l	98
6) Chloroethane	1.73	64	42866	21.620	ug/l	99
7) Trichlorofluoromethane	1.93	101	82748	17.394	ug/l	99
8) Diethyl Ether	2.19	74	35252	18.055	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49271	17.135	ug/l	98
10) Methyl Iodide	2.51	142	69281	19.350	ug/l	99
11) Tert butyl alcohol	3.07	59	69789	100.214	ug/l	98
12) 1,1-Dichloroethene	2.38	96	46598	17.978	ug/l	93
13) Acrolein	2.30	56	72077	116.474	ug/l	99
14) Allyl chloride	2.73	41	97943	20.437	ug/l	92
15) Acrylonitrile	3.15	53	169516	103.437	ug/l	99
16) Acetone	2.45	43	158748	97.259	ug/l	99
17) Carbon Disulfide	2.57	76	122111	16.934	ug/l	99
18) Methyl Acetate	2.78	43	79132	22.218	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	171777	19.032	ug/l	100
20) Methylene Chloride	2.86	84	55308	18.351	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	50715	17.998	ug/l	93
22) Diisopropyl ether	3.87	45	198621	19.909	ug/l	96
23) Vinyl Acetate	3.82	43	849771	97.083	ug/l	96
24) 1,1-Dichloroethane	3.70	63	105400	19.439	ug/l	98
25) 2-Butanone	4.70	43	255750	102.864	ug/l	93
26) 2,2-Dichloropropane	4.59	77	73503	16.983	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	62809	17.518	ug/l	92
28) Bromochloromethane	5.02	49	51684	19.580	ug/l	85
29) Tetrahydrofuran	5.15	42	164986	100.669	ug/l	93
30) Chloroform	5.21	83	102632	17.671	ug/l	99
31) Cyclohexane	5.57	56	93162	18.266	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	84643	17.622	ug/l	97
36) 1,1-Dichloropropene	5.80	75	75581	19.692	ug/l	97
37) Ethyl Acetate	4.85	43	93654	21.966	ug/l	99
38) Carbon Tetrachloride	5.79	117	71644	18.582	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91279	18.817	ug/l	94
40) Benzene	6.15	78	237429	20.039	ug/l	100
41) Methacrylonitrile	5.06	41	51945	22.816	ug/l	96
42) 1,2-Dichloroethane	6.20	62	82268	20.658	ug/l	100
43) Isopropyl Acetate	6.46	43	139887	21.318	ug/l	98
44) Trichloroethene	7.21	130	63559	19.501	ug/l	95
45) 1,2-Dichloropropane	7.52	63	63738	20.767	ug/l	98
46) Dibromomethane	7.66	93	39803	18.589	ug/l	97
47) Bromodichloromethane	7.90	83	71806	19.352	ug/l	98
48) Methyl methacrylate	7.77	41	75996	22.094	ug/l	90
49) 1,4-Dioxane	7.75	88	29983	403.591	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	478917	109.033	ug/l	99
52) Toluene	8.78	92	148413	19.864	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	78189	18.802	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	89199	19.809	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	61809	19.839	ug/l	98
56) Ethyl methacrylate	9.18	69	91912	20.745	ug/l	94
57) 1,3-Dichloropropane	9.37	76	101963	20.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	262030	107.247	ug/l	97
59) 2-Hexanone	9.49	43	365798	106.076	ug/l	100
60) Dibromochloromethane	9.59	129	57153	19.064	ug/l	99
61) 1,2-Dibromoethane	9.67	107	63422	19.606	ug/l	99
64) Tetrachloroethene	9.34	164	65584	21.007	ug/l	98
65) Chlorobenzene	10.13	112	163036	19.601	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	57152	19.698	ug/l	98
67) Ethyl Benzene	10.25	91	270850	19.657	ug/l	98
68) m/p-Xylenes	10.36	106	207697	38.748	ug/l	97
69) o-Xylene	10.69	106	101752	19.735	ug/l	97
70) Styrene	10.71	104	168628	19.898	ug/l	99
71) Bromoform	10.86	173	43957	20.204	ug/l #	98
73) Isopropylbenzene	11.02	105	271057	19.566	ug/l	99
74) N-amyl acetate	10.90	43	121349	20.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90914	18.974	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	90118m	21.811	ug/l	
77) Bromobenzene	11.26	156	73271	21.086	ug/l	94
78) n-propylbenzene	11.36	91	301263	19.244	ug/l	98
79) 2-Chlorotoluene	11.42	91	182232	19.332	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	223046	19.573	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24520	17.955	ug/l	94
82) 4-Chlorotoluene	11.51	91	206486	18.725	ug/l	98
83) tert-Butylbenzene	11.77	119	217937	19.919	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	231367	19.849	ug/l	97
85) sec-Butylbenzene	11.94	105	265894	19.393	ug/l	99
86) p-Isopropyltoluene	12.06	119	236961	19.735	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127421	19.769	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	127053	19.247	ug/l	99
89) n-Butylbenzene	12.38	91	196316	18.333	ug/l	99
90) Hexachloroethane	12.60	117	35691	17.641	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	127602	19.786	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18260	17.490	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	87589	22.250	ug/l	99
94) Hexachlorobutadiene	13.78	225	47912	26.605	ug/l	98
95) Naphthalene	13.83	128	261067	20.469	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	87828	22.220	ug/l	99

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

