

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
 Data File : VX007822.D
 Acq On : 04 Mar 2019 20:22
 Operator : JC/SP
 Sample : VX0304MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:34:54 AM

Quant Time: Mar 04 22:47:49 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	5.66	168	304203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197874	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	162055	43.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.02%	
35) Dibromofluoromethane	5.50	113	145520	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	8.71	98	526842	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
62) 4-Bromofluorobenzene	11.13	95	188610	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45012	16.062	ug/l	99
3) Chloromethane	1.33	50	57342	18.465	ug/l	100
4) Vinyl Chloride	1.41	62	61317	19.246	ug/l	93
5) Bromomethane	1.64	94	31701	14.699	ug/l	99
6) Chloroethane	1.73	64	92313	45.352	ug/l	90
7) Trichlorofluoromethane	1.93	101	80551	16.493	ug/l	97
8) Diethyl Ether	2.19	74	36244	18.082	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47980	16.253	ug/l	99
10) Methyl Iodide	2.51	142	69751	18.976	ug/l	97
11) Tert butyl alcohol	3.07	59	72091	100.835	ug/l	100
12) 1,1-Dichloroethene	2.38	96	49538	18.617	ug/l	99
13) Acrolein	2.30	56	42454	66.824	ug/l	98
14) Allyl chloride	2.73	41	103485	21.033	ug/l	88
15) Acrylonitrile	3.15	53	171954	102.203	ug/l	99
16) Acetone	2.45	43	141395	84.381	ug/l	99
17) Carbon Disulfide	2.57	76	147625	19.941	ug/l	98
18) Methyl Acetate	2.78	43	82836	22.654	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	178042	19.214	ug/l	99
20) Methylene Chloride	2.86	84	55798	18.033	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	53660	18.550	ug/l	95
22) Diisopropyl ether	3.87	45	196407	19.176	ug/l	96
23) Vinyl Acetate	3.82	43	844023	93.925	ug/l	98
24) 1,1-Dichloroethane	3.70	63	105539	18.960	ug/l	98
25) 2-Butanone	4.70	43	235981	92.451	ug/l	95
26) 2,2-Dichloropropane	4.59	77	65235	14.682	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	91333	24.813	ug/l	97
28) Bromochloromethane	5.02	49	54002	19.928	ug/l	87
29) Tetrahydrofuran	5.15	42	157516	93.618	ug/l	94
30) Chloroform	5.21	83	100924	16.926	ug/l	99
31) Cyclohexane	5.58	56	89844	17.159	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	86015	17.443	ug/l	98
36) 1,1-Dichloropropene	5.80	75	72529	17.918	ug/l	98
37) Ethyl Acetate	4.85	43	89714	19.953	ug/l	99
38) Carbon Tetrachloride	5.78	117	75477	18.563	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85700	16.752	ug/l	95
40) Benzene	6.15	78	230408	18.440	ug/l	100
41) Methacrylonitrile	5.06	41	50659	21.099	ug/l	94
42) 1,2-Dichloroethane	6.20	62	76350	18.180	ug/l	99
43) Isopropyl Acetate	6.46	43	138237	19.976	ug/l	98
44) Trichloroethene	7.21	130	70379	20.475	ug/l	94
45) 1,2-Dichloropropane	7.52	63	62411	19.282	ug/l	99
46) Dibromomethane	7.66	93	39024	17.282	ug/l	97
47) Bromodichloromethane	7.90	83	77634	19.839	ug/l	98
48) Methyl methacrylate	7.77	41	71113	19.604	ug/l	91
49) 1,4-Dioxane	7.75	88	27767	354.413	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	451477	97.465	ug/l	99
52) Toluene	8.79	92	141918	18.012	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81583	18.632	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90809	19.123	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	59226	18.025	ug/l	97
56) Ethyl methacrylate	9.18	69	88649	18.973	ug/l	94
57) 1,3-Dichloropropane	9.37	76	98085	18.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	244735	94.983	ug/l	97
59) 2-Hexanone	9.49	43	341677	93.952	ug/l	99
60) Dibromochloromethane	9.58	129	64953	20.544	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61688	18.083	ug/l	98
64) Tetrachloroethene	9.33	164	150713	46.954	ug/l	99
65) Chlorobenzene	10.14	112	156656	18.319	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	58915	19.751	ug/l	98
67) Ethyl Benzene	10.25	91	258005	18.213	ug/l	98
68) m/p-Xylenes	10.36	106	198881	36.088	ug/l	97
69) o-Xylene	10.69	106	97423	18.379	ug/l	97
70) Styrene	10.71	104	159493	18.305	ug/l	99
71) Bromoform	10.86	173	52877	23.639	ug/l	99
73) Isopropylbenzene	11.02	105	260179	18.397	ug/l	99
74) N-amyl acetate	10.90	43	119620	19.478	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90274	18.456	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	85934m	20.374	ug/l	
77) Bromobenzene	11.26	156	70930	19.996	ug/l	96
78) n-propylbenzene	11.36	91	285805	17.884	ug/l	98
79) 2-Chlorotoluene	11.42	91	173604	18.041	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	210832	18.124	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25809	18.420	ug/l	92
82) 4-Chlorotoluene	11.51	91	196789	17.482	ug/l	99
83) tert-Butylbenzene	11.77	119	217097	19.437	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	218143	18.333	ug/l	100
85) sec-Butylbenzene	11.94	105	253603	18.119	ug/l	99
86) p-Isopropyltoluene	12.06	119	225602	18.406	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120340	18.290	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	122225	18.138	ug/l	99
89) n-Butylbenzene	12.38	91	182769	16.720	ug/l	100
90) Hexachloroethane	12.60	117	40204	19.467	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	123287	18.727	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18784	17.625	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83832	20.861	ug/l	99
94) Hexachlorobutadiene	13.78	225	44798	24.368	ug/l	99
95) Naphthalene	13.83	128	253106	19.440	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	85559	21.204	ug/l	100

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

