

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005604.D
 Acq On : 26 Oct 2018 14:56
 Operator : JC/MD
 Sample : VX1026MBS01
 Misc : 5.0u/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:14 PM

Quant Time: Oct 27 05:21:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	142571	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	5.49	113	108728	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	401363	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.14	95	145932	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58395	25.785	ug/l	99
3) Chloromethane	1.32	50	61369	21.278	ug/l	100
4) Vinyl Chloride	1.40	62	61372	21.641	ug/l	96
5) Bromomethane	1.64	94	33990	19.262	ug/l	97
6) Chloroethane	1.72	64	36058	19.903	ug/l	99
7) Trichlorofluoromethane	1.93	101	80121	20.333	ug/l	100
8) Diethyl Ether	2.19	74	31918	20.297	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44663	19.755	ug/l	98
10) Methyl Iodide	2.51	142	51402	23.308	ug/l	97
11) Tert butyl alcohol	3.07	59	75276	99.878	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43699	20.290	ug/l	94
13) Acrolein	2.29	56	33929	88.251	ug/l	99
14) Allyl chloride	2.73	41	93307	19.412	ug/l	99
15) Acrylonitrile	3.15	53	164124	97.113	ug/l	99
16) Acetone	2.45	43	155707	105.210	ug/l	98
17) Carbon Disulfide	2.57	76	125441	19.106	ug/l	97
18) Methyl Acetate	2.78	43	78147	20.512	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	158519	20.633	ug/l	95
20) Methylene Chloride	2.85	84	50610	20.418	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	46037	19.577	ug/l	96
22) Diisopropyl ether	3.87	45	163569	19.486	ug/l	98
23) Vinyl Acetate	3.82	43	723385	97.851	ug/l	98
24) 1,1-Dichloroethane	3.70	63	90771	19.890	ug/l	99
25) 2-Butanone	4.70	43	224597	99.657	ug/l	94
26) 2,2-Dichloropropane	4.57	77	66891	18.985	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	50090	19.758	ug/l	97
28) Bromochloromethane	5.01	49	45283	20.515	ug/l	99
29) Tetrahydrofuran	5.16	42	152622	104.061	ug/l	98
30) Chloroform	5.21	83	82200	19.256	ug/l	84
31) Cyclohexane	5.56	56	77137	20.428	ug/l	# 79
32) 1,1,1-Trichloroethane	5.50	97	73884	19.610	ug/l	98
36) 1,1-Dichloropropene	5.80	75	63181	19.841	ug/l	98
37) Ethyl Acetate	4.86	43	81870	20.147	ug/l	99
38) Carbon Tetrachloride	5.79	117	63060	18.802	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66475	18.905	ug/l	100
40) Benzene	6.15	78	191773	21.008	ug/l	92
41) Methacrylonitrile	5.07	41	44636	19.720	ug/l	99
42) 1,2-Dichloroethane	6.19	62	71322	20.567	ug/l	100
43) Isopropyl Acetate	6.46	43	121568	19.964	ug/l	98
44) Trichloroethene	7.21	130	47839	19.237	ug/l	92
45) 1,2-Dichloropropane	7.52	63	48509	19.766	ug/l #	86
46) Dibromomethane	7.66	93	30517	19.253	ug/l	99
47) Bromodichloromethane	7.90	83	57074	18.552	ug/l	100
48) Methyl methacrylate	7.77	41	58392	19.684	ug/l	98
49) 1,4-Dioxane	7.76	88	25150	387.952	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	399013	97.501	ug/l	99
52) Toluene	8.79	92	109821	19.795	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	61998	18.647	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68292	19.078	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	44928	19.208	ug/l	98
56) Ethyl methacrylate	9.18	69	65791	18.858	ug/l	100
57) 1,3-Dichloropropane	9.37	76	75837	19.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	193163	99.132	ug/l	100
59) 2-Hexanone	9.50	43	314390	97.435	ug/l	100
60) Dibromochloromethane	9.59	129	44937	18.414	ug/l	100
61) 1,2-Dibromoethane	9.67	107	46907	19.385	ug/l	100
64) Tetrachloroethene	9.34	164	50655	20.400	ug/l	97
65) Chlorobenzene	10.14	112	122299	19.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	43644	18.792	ug/l	98
67) Ethyl Benzene	10.26	91	206537	19.709	ug/l	99
68) m/p-Xylenes	10.36	106	162568	39.985	ug/l	99
69) o-Xylene	10.70	106	76380	19.968	ug/l	100
70) Styrene	10.71	104	128356	20.045	ug/l	99
71) Bromoform	10.86	173	36003	17.372	ug/l #	100
73) Isopropylbenzene	11.02	105	208964	20.932	ug/l	99
74) N-amyl acetate	10.90	43	96725	19.554	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71492	19.411	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	68163m	19.699	ug/l	
77) Bromobenzene	11.26	156	57237	20.573	ug/l	98
78) n-propylbenzene	11.36	91	241670	21.171	ug/l	100
79) 2-Chlorotoluene	11.42	91	144209	20.375	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	177898	20.831	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19929	18.819	ug/l	94
82) 4-Chlorotoluene	11.51	91	171779	20.583	ug/l	100
83) tert-Butylbenzene	11.77	119	171799	20.182	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	184843	21.356	ug/l	99
85) sec-Butylbenzene	11.94	105	211478	20.820	ug/l	100
86) p-Isopropyltoluene	12.07	119	188810	20.793	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	104009	19.880	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	105147	19.254	ug/l	99
89) n-Butylbenzene	12.39	91	163527	19.948	ug/l	99
90) Hexachloroethane	12.60	117	28736	18.349	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	103839	19.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17369	19.504	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	76026	19.814	ug/l	99
94) Hexachlorobutadiene	13.79	225	37548	18.883	ug/l	99
95) Naphthalene	13.83	128	234313	21.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	78436	20.166	ug/l	99

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

