

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
 Data File : VX003552.D
 Acq On : 21 Jul 2018 14:01
 Operator : JC/SP
 Sample : VX0721MBSD02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0721MBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:30 PM

Quant Time: Jul 23 02:11:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217313	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173702	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	
35) Dibromofluoromethane	5.51	113	152103	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	8.72	98	572055	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.14	95	210241	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	41261	19.107	ug/l	99
3) Chloromethane	1.32	50	57752	21.407	ug/l	100
4) Vinyl Chloride	1.40	62	61115	18.098	ug/l	99
5) Bromomethane	1.64	94	35265	25.011	ug/l	100
6) Chloroethane	1.72	64	40327	20.181	ug/l	99
7) Trichlorofluoromethane	1.93	101	85380	18.951	ug/l	99
8) Diethyl Ether	2.19	74	40116	20.732	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53732	18.222	ug/l	96
10) Methyl Iodide	2.51	142	72681	20.518	ug/l	92
11) Tert butyl alcohol	3.07	59	77129	123.870	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50755	18.694	ug/l	91
13) Acrolein	2.29	56	25862	91.926	ug/l	99
14) Allyl chloride	2.73	41	97308	20.246	ug/l	87
15) Acrylonitrile	3.15	53	183418	115.702	ug/l	96
16) Acetone	2.45	43	136749	115.052	ug/l #	87
17) Carbon Disulfide	2.57	76	134039	18.254	ug/l	100
18) Methyl Acetate	2.78	43	89342	23.843	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	204573	23.074	ug/l	95
20) Methylene Chloride	2.86	84	64983	21.873	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	58101	19.233	ug/l	90
22) Diisopropyl ether	3.87	45	197613	21.850	ug/l	97
23) Vinyl Acetate	3.82	43	807608	108.409	ug/l #	93
24) 1,1-Dichloroethane	3.70	63	109840	20.700	ug/l	99
25) 2-Butanone	4.71	43	228919	114.791	ug/l	91
26) 2,2-Dichloropropane	4.59	77	75339	18.694	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	69557	20.679	ug/l	80
28) Bromochloromethane	5.03	49	51389	22.157	ug/l	85
29) Tetrahydrofuran	5.16	42	153123	116.235	ug/l	93
30) Chloroform	5.22	83	111051	21.432	ug/l	95
31) Cyclohexane	5.58	56	88726	18.714	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	89753	20.228	ug/l	97
36) 1,1-Dichloropropene	5.80	75	77144	18.712	ug/l	97
37) Ethyl Acetate	4.86	43	87310	22.381	ug/l #	94
38) Carbon Tetrachloride	5.78	117	77574	19.183	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89918	18.415	ug/l	95
40) Benzene	6.15	78	256486	20.606	ug/l	100
41) Methacrylonitrile	5.06	41	49481	21.581	ug/l	91
42) 1,2-Dichloroethane	6.20	62	86580	22.077	ug/l	94
43) Isopropyl Acetate	6.46	43	136692	22.027	ug/l #	93
44) Trichloroethene	7.21	130	74383	20.038	ug/l	99
45) 1,2-Dichloropropane	7.52	63	68322	21.617	ug/l	100
46) Dibromomethane	7.67	93	44635	21.936	ug/l	94
47) Bromodichloromethane	7.90	83	78638	21.111	ug/l	100
48) Methyl methacrylate	7.78	41	70215	22.437	ug/l #	83
49) 1,4-Dioxane	7.76	88	32964	464.888	ug/l #	95
51) 4-Methyl-2-Pentanone	8.65	43	468798	119.578	ug/l	92
52) Toluene	8.79	92	162089	20.688	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	98801	21.549	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	88274	21.409	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	69759	22.375	ug/l	98
56) Ethyl methacrylate	9.18	69	95344	21.712	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	113353	22.492	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	238529	111.709	ug/l	99
59) 2-Hexanone	9.50	43	350294	120.595	ug/l	91
60) Dibromochloromethane	9.59	129	65501	21.226	ug/l	100
61) 1,2-Dibromoethane	9.68	107	71574	22.146	ug/l	100
64) Tetrachloroethene	9.34	164	87235	19.434	ug/l	97
65) Chlorobenzene	10.14	112	185046	19.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	65629	20.095	ug/l	99
67) Ethyl Benzene	10.26	91	294923	19.323	ug/l	99
68) m/p-Xylenes	10.36	106	233553	39.032	ug/l	97
69) o-Xylene	10.70	106	112546	19.451	ug/l	99
70) Styrene	10.71	104	191679	20.140	ug/l	98
71) Bromoform	10.86	173	49471	19.495	ug/l #	100
73) Isopropylbenzene	11.02	105	299500	19.928	ug/l	100
74) N-amyl acetate	6.46	43	136692	21.419	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	95007	21.572	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	99219m	25.415	ug/l	
77) Bromobenzene	11.26	156	85399	19.756	ug/l	99
78) n-propylbenzene	11.36	91	333090	19.938	ug/l	99
79) 2-Chlorotoluene	11.42	91	205376	20.250	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	250297	20.264	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24198	19.138	ug/l	95
82) 4-Chlorotoluene	11.51	91	240601	20.246	ug/l	99
83) tert-Butylbenzene	11.77	119	233831	19.331	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	258564	20.573	ug/l	98
85) sec-Butylbenzene	11.95	105	286204	19.480	ug/l	100
86) p-Isopropyltoluene	12.07	119	258347	19.593	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	154409	19.433	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	155259	18.968	ug/l	100
89) n-Butylbenzene	12.39	91	210734	18.822	ug/l	99
90) Hexachloroethane	12.60	117	33760	18.011	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	157387	20.097	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17658	20.602	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106333	18.526	ug/l	100
94) Hexachlorobutadiene	13.79	225	47706	17.283	ug/l	99
95) Naphthalene	13.83	128	315731	20.935	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	110008	19.362	ug/l	99

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

