

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028914.D
 Acq On : 24 May 2022 12:20
 Operator : JC/MD
 Sample : VX0524MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 24 17:21:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	283071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456441	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	190570	49.113	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.220%		
35) Dibromofluoromethane	5.385	113	153062	51.182	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.360%		
50) Toluene-d8	8.647	98	552347	48.989	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.079	95	214599	50.959	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64056	17.282	ug/l	100
3) Chloromethane	1.288	50	55590	15.925	ug/l	98
4) Vinyl Chloride	1.374	62	59939	15.934	ug/l	100
5) Bromomethane	1.605	94	79750	27.489	ug/l	100
6) Chloroethane	1.685	64	40572	15.608	ug/l	98
7) Trichlorofluoromethane	1.886	101	99400	16.574	ug/l	98
8) Diethyl Ether	2.136	74	36367	16.641	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	57016	18.066	ug/l	98
10) Methyl Iodide	2.453	142	56011	14.824	ug/l	94
11) Tert butyl alcohol	2.965	59	87640	101.694	ug/l	95
12) 1,1-Dichloroethene	2.319	96	51694	17.645	ug/l	95
13) Acrolein	2.233	56	36462	57.249	ug/l	96
14) Allyl chloride	2.660	41	81222	17.286	ug/l	93
15) Acrylonitrile	3.062	53	162680	87.017	ug/l	99
16) Acetone	2.380	43	143818	86.361	ug/l	92
17) Carbon Disulfide	2.514	76	111582	14.693	ug/l	99
18) Methyl Acetate	2.703	43	77022	18.466	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	196549	18.906	ug/l	99
20) Methylene Chloride	2.788	84	60618	17.350	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	57041	17.285	ug/l	98
22) Diisopropyl ether	3.763	45	181529	18.078	ug/l	94
23) Vinyl Acetate	3.721	43	767943	88.715	ug/l	97
24) 1,1-Dichloroethane	3.611	63	106306	18.211	ug/l	99
25) 2-Butanone	4.556	43	225483	86.260	ug/l	98
26) 2,2-Dichloropropane	4.477	77	84970	18.565	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69171	17.947	ug/l	98
28) Bromochloromethane	4.903	49	42577	17.328	ug/l	99
29) Tetrahydrofuran	5.001	42	144410	84.991	ug/l	95
30) Chloroform	5.099	83	118912	18.822	ug/l	99
31) Cyclohexane	5.470	56	89924	16.696	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	102755	18.631	ug/l	100
36) 1,1-Dichloropropene	5.690	75	82763	18.426	ug/l	99
37) Ethyl Acetate	4.714	43	85573	18.240	ug/l	99
38) Carbon Tetrachloride	5.678	117	88115	19.493	ug/l	97
39) Methylcyclohexane	7.379	83	97995	19.024	ug/l	95
40) Benzene	6.037	78	240412	18.623	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46803	18.606	ug/l	94
42) 1,2-Dichloroethane	6.086	62	93143	19.561	ug/l	99
43) Isopropyl Acetate	6.342	43	136519	18.600	ug/l	96
44) Trichloroethene	7.129	130	66679	19.045	ug/l	97
45) 1,2-Dichloropropane	7.433	63	60870	18.899	ug/l	98
46) Dibromomethane	7.586	93	45387	18.870	ug/l	95
47) Bromodichloromethane	7.824	83	87291	19.547	ug/l	97
48) Methyl methacrylate	7.690	41	66658	18.800	ug/l	91
49) 1,4-Dioxane	7.677	88	31469	355.278	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	445359	92.120	ug/l	96
52) Toluene	8.720	92	158909	19.136	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	86859	17.984	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	96867	19.278	ug/l #	93
55) 1,1,2-Trichloroethane	9.153	97	66672	19.689	ug/l	98
56) Ethyl methacrylate	9.116	69	98456	19.200	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	110146	19.286	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238298	94.920	ug/l	98
59) 2-Hexanone	9.433	43	338555	90.135	ug/l	93
60) Dibromochloromethane	9.525	129	65362	19.792	ug/l	96
61) 1,2-Dibromoethane	9.610	107	67966	19.110	ug/l	97
64) Tetrachloroethene	9.275	164	63298	20.261	ug/l	98
65) Chlorobenzene	10.079	112	170369	19.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	62383	20.066	ug/l	98
67) Ethyl Benzene	10.195	91	303074	19.266	ug/l	99
68) m/p-Xylenes	10.305	106	239624	39.126	ug/l	99
69) o-Xylene	10.640	106	116271	19.283	ug/l	98
70) Styrene	10.659	104	193642	19.775	ug/l	98
71) Bromoform	10.799	173	44909	18.636	ug/l #	100
73) Isopropylbenzene	10.963	105	312077	20.107	ug/l	99
74) N-amyl acetate	10.848	43	109138	17.888	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	102069	19.169	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	92733m	19.347	ug/l	
77) Bromobenzene	11.201	156	73413	19.991	ug/l	98
78) n-propylbenzene	11.305	91	350300	19.512	ug/l	100
79) 2-Chlorotoluene	11.366	91	214098	19.457	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	263495	20.374	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24880	18.157	ug/l #	78
82) 4-Chlorotoluene	11.457	91	248760	19.555	ug/l	99
83) tert-Butylbenzene	11.713	119	259819	20.750	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	264341	20.383	ug/l	99
85) sec-Butylbenzene	11.890	105	325132	21.050	ug/l	99
86) p-Isopropyltoluene	12.012	119	274302	21.164	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	139736	19.399	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	139865	18.720	ug/l	96
89) n-Butylbenzene	12.335	91	227086	20.222	ug/l	98
90) Hexachloroethane	12.542	117	41226	19.670	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	139945	19.777	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23240	20.441	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	86778	21.233	ug/l	99
94) Hexachlorobutadiene	13.725	225	37875	22.812	ug/l	95
95) Naphthalene	13.774	128	301085	20.702	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	87977	21.433	ug/l	95

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

