

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028768.D
 Acq On : 17 May 2022 19:16
 Operator : JC/MD
 Sample : VX0517MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:53:52 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	252997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	429181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180090	51.929	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.860%	
35) Dibromofluoromethane	5.385	113	143210	50.929	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.860%	
50) Toluene-d8	8.653	98	604629	57.032	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 114.060%	
62) 4-Bromofluorobenzene	11.079	95	197503	49.878	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	64079	19.343	ug/l	99
3) Chloromethane	1.294	50	60670	19.447	ug/l	99
4) Vinyl Chloride	1.374	62	67580	20.100	ug/l	99
5) Bromomethane	1.599	94	43978	14.577	ug/l	98
6) Chloroethane	1.685	64	41546	18.218	ug/l	94
7) Trichlorofluoromethane	1.886	101	110525	20.619	ug/l	96
8) Diethyl Ether	2.130	74	41957	21.482	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	53239	18.874	ug/l	98
10) Methyl Iodide	2.453	142	66382	19.657	ug/l	95
11) Tert butyl alcohol	2.959	59	83865	109.464	ug/l	99
12) 1,1-Dichloroethene	2.319	96	51950	19.840	ug/l	97
13) Acrolein	2.233	56	51376	90.255	ug/l	97
14) Allyl chloride	2.666	41	83101	19.788	ug/l	90
15) Acrylonitrile	3.062	53	170451	102.012	ug/l	99
16) Acetone	2.380	43	151431	101.742	ug/l	93
17) Carbon Disulfide	2.514	76	125278	18.457	ug/l	99
18) Methyl Acetate	2.703	43	78952	21.179	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	195825	21.075	ug/l	98
20) Methylene Chloride	2.788	84	60856	19.489	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	56748	19.241	ug/l	97
22) Diisopropyl ether	3.763	45	178555	19.896	ug/l #	88
23) Vinyl Acetate	3.721	43	801964	103.658	ug/l	97
24) 1,1-Dichloroethane	3.611	63	104513	20.032	ug/l	99
25) 2-Butanone	4.556	43	241995	103.581	ug/l	96
26) 2,2-Dichloropropane	4.483	77	78367	19.157	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	68008	19.743	ug/l	99
28) Bromochloromethane	4.903	49	41822	19.044	ug/l	95
29) Tetrahydrofuran	5.007	42	155186	102.189	ug/l	93
30) Chloroform	5.099	83	111153	19.685	ug/l	98
31) Cyclohexane	5.470	56	90797	18.862	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	98416	19.965	ug/l	99
36) 1,1-Dichloropropene	5.696	75	78322	18.544	ug/l	99
37) Ethyl Acetate	4.714	43	91486	20.739	ug/l	97
38) Carbon Tetrachloride	5.678	117	81293	19.126	ug/l	98
39) Methylcyclohexane	7.385	83	92785	19.157	ug/l	97
40) Benzene	6.037	78	236518	19.485	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48839	20.648	ug/l	94
42) 1,2-Dichloroethane	6.092	62	89812	20.060	ug/l	97
43) Isopropyl Acetate	6.342	43	144169	20.890	ug/l	95
44) Trichloroethene	7.129	130	62274	18.917	ug/l	97
45) 1,2-Dichloropropane	7.433	63	59524	19.655	ug/l	98
46) Dibromomethane	7.580	93	44522	19.686	ug/l	93
47) Bromodichloromethane	7.824	83	88236	21.014	ug/l	98
48) Methyl methacrylate	7.696	41	67938	20.378	ug/l	86
49) 1,4-Dioxane	7.659	88	33195	398.568	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	522442	114.928	ug/l	95
52) Toluene	8.720	92	178768	22.895	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	98904	21.432	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	108103	22.881	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	74132	23.283	ug/l	99
56) Ethyl methacrylate	9.116	69	115072	23.866	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	122152	22.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	288331	122.144	ug/l	98
59) 2-Hexanone	9.433	43	399174	113.023	ug/l	91
60) Dibromochloromethane	9.525	129	68402	22.028	ug/l	96
61) 1,2-Dibromoethane	9.610	107	67258	20.112	ug/l	99
64) Tetrachloroethene	9.275	164	62224	21.226	ug/l	97
65) Chlorobenzene	10.079	112	163364	19.836	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	59549	20.412	ug/l	99
67) Ethyl Benzene	10.195	91	293512	19.884	ug/l	99
68) m/p-Xylenes	10.305	106	226427	39.399	ug/l	98
69) o-Xylene	10.640	106	112895	19.952	ug/l	97
70) Styrene	10.659	104	186212	20.265	ug/l	98
71) Bromoform	10.799	173	41369	18.328	ug/l #	100
73) Isopropylbenzene	10.963	105	293143	20.280	ug/l	99
74) N-amyl acetate	10.841	43	124232	21.864	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	103209	20.813	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	90920m	20.368	ug/l	
77) Bromobenzene	11.201	156	70049	20.481	ug/l	96
78) n-propylbenzene	11.305	91	336089	20.101	ug/l	100
79) 2-Chlorotoluene	11.366	91	206664	20.166	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	247040	20.511	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24108	18.735	ug/l #	78
82) 4-Chlorotoluene	11.457	91	234369	19.782	ug/l	99
83) tert-Butylbenzene	11.713	119	246379	21.127	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	249401	20.649	ug/l	98
85) sec-Butylbenzene	11.890	105	295579	20.548	ug/l	99
86) p-Isopropyltoluene	12.012	119	247667	20.518	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	132412	19.738	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	131858	18.950	ug/l	97
89) n-Butylbenzene	12.335	91	204955	19.597	ug/l	97
90) Hexachloroethane	12.542	117	37390	19.155	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	130951	19.871	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22370	21.127	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	75971	19.960	ug/l	99
94) Hexachlorobutadiene	13.725	225	29891	19.331	ug/l	96
95) Naphthalene	13.780	128	295193	21.794	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76545	20.023	ug/l	96

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

