

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
 Data File : VX028574.D
 Acq On : 09 May 2022 17:05
 Operator : JC/MD
 Sample : VX0509MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/10/2022
 Supervised By :Mahesh Dadoda 05/10/2022

Quant Time: May 10 04:55:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	340798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	530354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	480684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	203179	45.724	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.440%		
35) Dibromofluoromethane	5.391	113	186249	50.076	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.160%		
50) Toluene-d8	8.647	98	635071	44.457	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.920%		
62) 4-Bromofluorobenzene	11.079	95	244705	44.801	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	47841	21.747	ug/l	98
3) Chloromethane	1.288	50	43790	18.211	ug/l	99
4) Vinyl Chloride	1.374	62	54440	15.846	ug/l	99
5) Bromomethane	1.605	94	77119	20.339	ug/l	100
6) Chloroethane	1.685	64	40216	14.026	ug/l	99
7) Trichlorofluoromethane	1.886	101	103733	13.692	ug/l	97
8) Diethyl Ether	2.136	74	43507	17.060	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	60375	21.877	ug/l	95
10) Methyl Iodide	2.453	142	72791	22.502	ug/l	98
11) Tert butyl alcohol	2.959	59	90097	99.910	ug/l	95
12) 1,1-Dichloroethene	2.319	96	52780	20.152	ug/l	94
13) Acrolein	2.233	56	42519	78.075	ug/l	98
14) Allyl chloride	2.666	41	76321	17.366	ug/l	94
15) Acrylonitrile	3.063	53	184785	102.043	ug/l	99
16) Acetone	2.380	43	155993	114.177	ug/l	94
17) Carbon Disulfide	2.514	76	88476	12.544	ug/l	98
18) Methyl Acetate	2.703	43	82180	20.800	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	221499	20.281	ug/l	96
20) Methylene Chloride	2.788	84	66437	20.150	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	58391	16.393	ug/l	90
22) Diisopropyl ether	3.758	45	189656	18.947	ug/l #	81
23) Vinyl Acetate	3.721	43	816881	93.411	ug/l	99
24) 1,1-Dichloroethane	3.611	63	110048	18.619	ug/l	98
25) 2-Butanone	4.556	43	248773	94.530	ug/l	97
26) 2,2-Dichloropropane	4.471	77	90541	15.690	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	77000	18.130	ug/l	93
28) Bromochloromethane	4.898	49	50229	19.808	ug/l	89
29) Tetrahydrofuran	5.001	42	156429	91.162	ug/l	100
30) Chloroform	5.099	83	128515	18.106	ug/l	96
31) Cyclohexane	5.465	56	80439	14.858	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	106182	16.520	ug/l	98
36) 1,1-Dichloropropene	5.696	75	80736	16.641	ug/l	97
37) Ethyl Acetate	4.709	43	96274	19.557	ug/l	99
38) Carbon Tetrachloride	5.678	117	88317	16.126	ug/l	99
39) Methylcyclohexane	7.379	83	90059	14.712	ug/l	98
40) Benzene	6.038	78	250768	17.658	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	50472	19.872	ug/l	97
42) 1,2-Dichloroethane	6.086	62	95890	18.190	ug/l	98
43) Isopropyl Acetate	6.342	43	149744	18.690	ug/l	98
44) Trichloroethene	7.123	130	76147	18.490	ug/l	98
45) 1,2-Dichloropropane	7.428	63	66679	19.182	ug/l	94
46) Dibromomethane	7.580	93	51952	19.052	ug/l	99
47) Bromodichloromethane	7.824	83	93302	17.803	ug/l	98
48) Methyl methacrylate	7.696	41	70510	19.169	ug/l	93
49) 1,4-Dioxane	7.665	88	38170	387.896	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	507160	98.645	ug/l	97
52) Toluene	8.720	92	170551	17.286	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	93217	16.736	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	104043	17.395	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	78456	19.571	ug/l	99
56) Ethyl methacrylate	9.116	69	111406	19.172	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	123106	19.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	260216	95.442	ug/l	94
59) 2-Hexanone	9.433	43	385457	96.787	ug/l	95
60) Dibromochloromethane	9.519	129	75738	17.331	ug/l	97
61) 1,2-Dibromoethane	9.610	107	81568	18.547	ug/l	99
64) Tetrachloroethene	9.275	164	72386	19.279	ug/l	96
65) Chlorobenzene	10.080	112	199054	19.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	73706	19.306	ug/l	100
67) Ethyl Benzene	10.195	91	332714	19.361	ug/l	96
68) m/p-Xylenes	10.305	106	264104	37.761	ug/l	97
69) o-Xylene	10.640	106	133165	19.096	ug/l	97
70) Styrene	10.659	104	222026	19.653	ug/l	99
71) Bromoform	10.799	173	55067	18.089	ug/l	100
73) Isopropylbenzene	10.964	105	347614	19.957	ug/l	100
74) N-amyl acetate	10.842	43	124532	20.685	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	125070	22.127	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	108934m	21.841	ug/l	
77) Bromobenzene	11.201	156	89557	19.742	ug/l	91
78) n-propylbenzene	11.305	91	384896	19.928	ug/l	98
79) 2-Chlorotoluene	11.366	91	236920	19.730	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	288974	19.544	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	28385	16.913	ug/l #	84
82) 4-Chlorotoluene	11.457	91	268996	19.447	ug/l	94
83) tert-Butylbenzene	11.713	119	295338	19.561	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	290880	19.791	ug/l	98
85) sec-Butylbenzene	11.890	105	351485	19.296	ug/l	99
86) p-Isopropyltoluene	12.012	119	300507	19.123	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	171602	20.132	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	174320	19.477	ug/l	99
89) n-Butylbenzene	12.335	91	238241	18.463	ug/l	98
90) Hexachloroethane	12.543	117	44019	16.817	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	179112	21.152	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25207	20.052	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	109744	21.790	ug/l	100
94) Hexachlorobutadiene	13.725	225	47196	21.001	ug/l	93
95) Naphthalene	13.774	128	390182	23.256	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	112346	22.726	ug/l	97

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

