

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029517.D
 Acq On : 15 Jun 2022 19:52
 Operator : JC/MD
 Sample : VX0615MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/16/2022
 Supervised By :Semsettin Yesilyurt 06/16/2022

Quant Time: Jun 16 04:16:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	178347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	297851	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122933	45.110	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.220%		
35) Dibromofluoromethane	5.391	113	109353	43.186	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.380%		
50) Toluene-d8	8.653	98	372109	41.551	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	83.100%		
62) 4-Bromofluorobenzene	11.085	95	157748	45.011	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50888	17.974	ug/l	98
3) Chloromethane	1.288	50	56948	18.847	ug/l	100
4) Vinyl Chloride	1.374	62	53982	17.214	ug/l	97
5) Bromomethane	1.605	94	27303	16.255	ug/l	97
6) Chloroethane	1.685	64	35483	24.352	ug/l	97
7) Trichlorofluoromethane	1.886	101	80676	17.654	ug/l	99
8) Diethyl Ether	2.136	74	32711	18.364	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	49172	17.852	ug/l	99
10) Methyl Iodide	2.453	142	47003	14.722	ug/l	96
11) Tert butyl alcohol	2.971	59	69294	65.099	ug/l	96
12) 1,1-Dichloroethene	2.319	96	47761	17.814	ug/l	97
13) Acrolein	2.239	56	25270	76.726	ug/l	96
14) Allyl chloride	2.666	41	73882	17.167	ug/l	96
15) Acrylonitrile	3.068	53	157929	93.073	ug/l	99
16) Acetone	2.386	43	127221	88.178	ug/l	98
17) Carbon Disulfide	2.514	76	85140	12.902	ug/l	99
18) Methyl Acetate	2.703	43	71112	18.604	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	183001	19.773	ug/l	100
20) Methylene Chloride	2.788	84	58051	18.017	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	53751	17.863	ug/l	99
22) Diisopropyl ether	3.763	45	165937	19.101	ug/l #	84
23) Vinyl Acetate	3.727	43	674864	93.707	ug/l	98
24) 1,1-Dichloroethane	3.611	63	96035	18.328	ug/l	98
25) 2-Butanone	4.562	43	211654	92.738	ug/l	98
26) 2,2-Dichloropropane	4.483	77	61534	16.473	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	65191	18.315	ug/l	92
28) Bromochloromethane	4.903	49	37984	18.441	ug/l	100
29) Tetrahydrofuran	5.013	42	141609	95.206	ug/l	95
30) Chloroform	5.099	83	103623	18.327	ug/l	97
31) Cyclohexane	5.470	56	88573	18.320	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	87529	17.968	ug/l	97
36) 1,1-Dichloropropene	5.696	75	76552	18.301	ug/l	99
37) Ethyl Acetate	4.721	43	80355	18.610	ug/l	100
38) Carbon Tetrachloride	5.678	117	64879	15.175	ug/l	99
39) Methylcyclohexane	7.385	83	93902	18.226	ug/l	96
40) Benzene	6.043	78	225423	18.102	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44519	18.056	ug/l	94
42) 1,2-Dichloroethane	6.092	62	79347	18.344	ug/l	100
43) Isopropyl Acetate	6.348	43	125773	19.390	ug/l	98
44) Trichloroethene	7.129	130	66752	19.689	ug/l	91
45) 1,2-Dichloropropane	7.433	63	56415	18.427	ug/l	98
46) Dibromomethane	7.586	93	39857	17.971	ug/l	95
47) Bromodichloromethane	7.824	83	67697	16.172	ug/l	97
48) Methyl methacrylate	7.696	41	60883	18.661	ug/l	93
49) 1,4-Dioxane	7.671	88	28236	336.455	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	419720	98.868	ug/l	97
52) Toluene	8.720	92	150769	18.861	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	69551	16.195	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	80855	17.205	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	59467	18.391	ug/l	93
56) Ethyl methacrylate	9.122	69	92532	19.670	ug/l	94
57) 1,3-Dichloropropane	9.311	76	100756	18.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	230164	100.714	ug/l	96
59) 2-Hexanone	9.433	43	320339	99.247	ug/l	95
60) Dibromochloromethane	9.525	129	45814	14.645	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61702	17.891	ug/l	97
64) Tetrachloroethene	9.275	164	56903	19.426	ug/l	93
65) Chlorobenzene	10.085	112	158844	18.656	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	50492	17.037	ug/l	99
67) Ethyl Benzene	10.195	91	291004	19.448	ug/l	99
68) m/p-Xylenes	10.305	106	225127	38.887	ug/l	98
69) o-Xylene	10.646	106	111087	19.747	ug/l	97
70) Styrene	10.659	104	184973	19.701	ug/l	98
71) Bromoform	10.805	173	29311	13.926	ug/l #	98
73) Isopropylbenzene	10.963	105	289287	19.096	ug/l	99
74) N-amyl acetate	10.848	43	100037	19.506	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	93812	18.349	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	82200m	18.289	ug/l	
77) Bromobenzene	11.201	156	66434	18.677	ug/l	94
78) n-propylbenzene	11.305	91	329973	19.196	ug/l	100
79) 2-Chlorotoluene	11.366	91	202410	19.120	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	251611	19.561	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	18212	14.249	ug/l #	74
82) 4-Chlorotoluene	11.457	91	231467	18.943	ug/l	99
83) tert-Butylbenzene	11.719	119	239412	19.182	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	250500	19.730	ug/l	99
85) sec-Butylbenzene	11.890	105	300530	19.609	ug/l	99
86) p-Isopropyltoluene	12.012	119	256495	19.963	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	127391	18.766	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	130180	18.855	ug/l	96
89) n-Butylbenzene	12.335	91	213166	19.678	ug/l	100
90) Hexachloroethane	12.542	117	25590	12.528	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	129486	19.237	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18493	17.391	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	80873	20.356	ug/l	98
94) Hexachlorobutadiene	13.725	225	30205	18.287	ug/l	94
95) Naphthalene	13.780	128	308895	22.030	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81974	20.693	ug/l	94

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

