

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028100.D
 Acq On : 14 Apr 2022 12:28
 Operator : JC/MD
 Sample : VX0414MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

Quant Time: Apr 15 03:12:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	158825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118370	54.935	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.860%			
35) Dibromofluoromethane	5.385	113	93824	53.936	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.880%			
50) Toluene-d8	8.647	98	348182	53.668	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.340%			
62) 4-Bromofluorobenzene	11.079	95	125441	51.785	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29129	18.889	ug/l	95
3) Chloromethane	1.294	50	33785	19.795	ug/l	97
4) Vinyl Chloride	1.374	62	40749	19.860	ug/l	98
5) Bromomethane	1.599	94	50204	22.978	ug/l	99
6) Chloroethane	1.685	64	39304	24.682	ug/l	99
7) Trichlorofluoromethane	1.886	101	107134	26.624	ug/l	100
8) Diethyl Ether	2.136	74	42116	27.310	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	32337	20.200	ug/l	98
10) Methyl Iodide	2.453	142	38231	20.507	ug/l	97
11) Tert butyl alcohol	2.953	59	57741	115.443	ug/l	99
12) 1,1-Dichloroethene	2.319	96	30412	19.399	ug/l	99
13) Acrolein	2.233	56	28539	104.159	ug/l	100
14) Allyl chloride	2.666	41	53807	19.393	ug/l	89
15) Acrylonitrile	3.062	53	118694	114.522	ug/l	99
16) Acetone	2.373	43	102189	113.827	ug/l	93
17) Carbon Disulfide	2.514	76	80616	19.568	ug/l	99
18) Methyl Acetate	2.703	43	54572	22.781	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	134841	22.903	ug/l	99
20) Methylene Chloride	2.788	84	39242	21.946	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	37253	19.837	ug/l	95
22) Diisopropyl ether	3.757	45	123771	20.788	ug/l #	73
23) Vinyl Acetate	3.721	43	591038	111.719	ug/l	95
24) 1,1-Dichloroethane	3.611	63	66280	20.564	ug/l	99
25) 2-Butanone	4.556	43	173892	112.058	ug/l	94
26) 2,2-Dichloropropane	4.471	77	57266	19.138	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	44833	21.179	ug/l	96
28) Bromochloromethane	4.897	49	31801	22.955	ug/l	92
29) Tetrahydrofuran	5.001	42	112657	111.072	ug/l	90
30) Chloroform	5.099	83	74641	20.826	ug/l	97
31) Cyclohexane	5.470	56	54466	18.383	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	62869	19.368	ug/l	98
36) 1,1-Dichloropropene	5.696	75	49336	18.583	ug/l	99
37) Ethyl Acetate	4.708	43	66212	21.409	ug/l #	95
38) Carbon Tetrachloride	5.672	117	52777	18.621	ug/l	94
39) Methylcyclohexane	7.379	83	61100	19.469	ug/l	98
40) Benzene	6.037	78	151975	19.686	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	33085	20.108	ug/l	92
42) 1,2-Dichloroethane	6.086	62	61469	21.086	ug/l	96
43) Isopropyl Acetate	6.336	43	109786	21.307	ug/l	93
44) Trichloroethene	7.123	130	42309	20.609	ug/l	99
45) 1,2-Dichloropropane	7.427	63	39738	20.425	ug/l	98
46) Dibromomethane	7.580	93	32204	22.437	ug/l	92
47) Bromodichloromethane	7.824	83	59355	21.397	ug/l	98
48) Methyl methacrylate	7.696	41	48924	20.799	ug/l #	82
49) 1,4-Dioxane	7.659	88	24149	459.891	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	350980	106.837	ug/l	90
52) Toluene	8.720	92	102422	19.886	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	65768	20.990	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	67144	20.661	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	44409	21.269	ug/l	99
56) Ethyl methacrylate	9.116	69	70164	21.379	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	72097	20.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	183587	123.935	ug/l	99
59) 2-Hexanone	9.433	43	270107	104.982	ug/l	89
60) Dibromochloromethane	9.518	129	45904	20.567	ug/l	98
61) 1,2-Dibromoethane	9.610	107	48351	21.263	ug/l	100
64) Tetrachloroethene	9.275	164	39952	20.154	ug/l	96
65) Chlorobenzene	10.079	112	110166	20.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	42439	21.069	ug/l	100
67) Ethyl Benzene	10.195	91	196337	20.452	ug/l	97
68) m/p-Xylenes	10.305	106	155828	38.873	ug/l	98
69) o-Xylene	10.640	106	76780	19.704	ug/l	99
70) Styrene	10.659	104	129901	20.015	ug/l	100
71) Bromoform	10.799	173	33973	20.351	ug/l #	99
73) Isopropylbenzene	10.963	105	196068	20.814	ug/l	99
74) N-amyl acetate	10.841	43	90834	22.312	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	74391	22.605	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	59422m	20.129	ug/l	
77) Bromobenzene	11.201	156	50850	22.097	ug/l	94
78) n-propylbenzene	11.305	91	226034	20.646	ug/l	99
79) 2-Chlorotoluene	11.366	91	133987	20.181	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	166314	20.438	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22213	21.193	ug/l #	87
82) 4-Chlorotoluene	11.457	91	158211	20.243	ug/l	98
83) tert-Butylbenzene	11.713	119	163887	20.816	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	168459	21.145	ug/l	100
85) sec-Butylbenzene	11.890	105	201557	20.058	ug/l	100
86) p-Isopropyltoluene	12.012	119	174129	20.451	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	95686	21.340	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	97800	20.792	ug/l	99
89) n-Butylbenzene	12.335	91	146282	20.072	ug/l	98
90) Hexachloroethane	12.542	117	28733	20.084	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	96565	21.553	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16501	22.791	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	57007	22.754	ug/l	99
94) Hexachlorobutadiene	13.725	225	21940	21.702	ug/l	94
95) Naphthalene	13.780	128	204822	23.408	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58252	23.494	ug/l	94

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

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