

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028328.D
 Acq On : 25 Apr 2022 16:02
 Operator : JC/MD
 Sample : VX0425MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 08:11:41 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	5.550	168	331068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	522171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	191374	44.333	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.660%		
35) Dibromofluoromethane	5.385	113	168318	45.964	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.920%		
50) Toluene-d8	8.647	98	622871	44.286	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.580%		
62) 4-Bromofluorobenzene	11.079	95	231820	43.107	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49763	23.285	ug/l	99
3) Chloromethane	1.288	50	47805	20.779	ug/l	95
4) Vinyl Chloride	1.374	62	59073	17.699	ug/l	96
5) Bromomethane	1.605	94	49594	10.156	ug/l	100
6) Chloroethane	1.685	64	41919	15.301	ug/l	99
7) Trichlorofluoromethane	1.886	101	111620	15.166	ug/l	94
8) Diethyl Ether	2.130	74	39422	15.689	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	55106	20.554	ug/l	98
10) Methyl Iodide	2.453	142	54931	18.648	ug/l	95
11) Tert butyl alcohol	2.959	59	64539	70.955	ug/l	100
12) 1,1-Dichloroethene	2.319	96	49294	19.374	ug/l	98
13) Acrolein	2.233	56	52269	98.800	ug/l	98
14) Allyl chloride	2.666	41	68238	15.983	ug/l	91
15) Acrylonitrile	3.062	53	149685	85.089	ug/l	99
16) Acetone	2.380	43	130232	97.926	ug/l	94
17) Carbon Disulfide	2.514	76	105341	15.374	ug/l	100
18) Methyl Acetate	2.703	43	66870	17.423	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	180088	16.974	ug/l	96
20) Methylene Chloride	2.788	84	58042	18.122	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	57982	16.757	ug/l	93
22) Diisopropyl ether	3.757	45	156578	16.102	ug/l #	82
23) Vinyl Acetate	3.721	43	684018	80.517	ug/l	98
24) 1,1-Dichloroethane	3.611	63	96728	16.847	ug/l	98
25) 2-Butanone	4.550	43	203778	79.709	ug/l	96
26) 2,2-Dichloropropane	4.477	77	78308	13.969	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69806	16.919	ug/l	92
28) Bromochloromethane	4.897	49	41419	16.814	ug/l	89
29) Tetrahydrofuran	5.001	42	130852	78.498	ug/l	99
30) Chloroform	5.092	83	113366	16.441	ug/l	95
31) Cyclohexane	5.470	56	83745	15.923	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	99679	15.964	ug/l	99
36) 1,1-Dichloropropene	5.690	75	78028	16.335	ug/l	98
37) Ethyl Acetate	4.715	43	79831	16.471	ug/l	100
38) Carbon Tetrachloride	5.672	117	87763	16.276	ug/l	99
39) Methylcyclohexane	7.379	83	96135	15.951	ug/l	96
40) Benzene	6.037	78	236020	16.880	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	41489	16.591	ug/l	99
42) 1,2-Dichloroethane	6.086	62	85572	16.487	ug/l	100
43) Isopropyl Acetate	6.336	43	121904	15.454	ug/l	98
44) Trichloroethene	7.129	130	70640	17.422	ug/l	100
45) 1,2-Dichloropropane	7.434	63	56903	16.626	ug/l	98
46) Dibromomethane	7.580	93	44877	16.715	ug/l	98
47) Bromodichloromethane	7.824	83	82457	15.980	ug/l	98
48) Methyl methacrylate	7.690	41	58228	16.078	ug/l #	91
49) 1,4-Dioxane	7.665	88	28681	296.034	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	417942	82.565	ug/l	96
52) Toluene	8.720	92	159642	16.434	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	79742	14.541	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	90876	15.432	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	68217	17.284	ug/l	97
56) Ethyl methacrylate	9.116	69	92170	16.110	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	107014	16.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	231218	86.135	ug/l	93
59) 2-Hexanone	9.433	43	317733	81.032	ug/l	95
60) Dibromochloromethane	9.519	129	65476	15.217	ug/l	98
61) 1,2-Dibromoethane	9.610	107	71669	16.552	ug/l	99
64) Tetrachloroethene	9.275	164	68557	17.940	ug/l	96
65) Chlorobenzene	10.079	112	179247	17.184	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	65478	16.851	ug/l	99
67) Ethyl Benzene	10.195	91	309689	17.706	ug/l	96
68) m/p-Xylenes	10.305	106	248621	34.926	ug/l	96
69) o-Xylene	10.640	106	122763	17.297	ug/l	96
70) Styrene	10.659	104	199175	17.322	ug/l	99
71) Bromoform	10.799	173	47231	15.806	ug/l #	100
73) Isopropylbenzene	10.963	105	319798	17.717	ug/l	99
74) N-amyl acetate	10.848	43	102825	16.482	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	103610	17.689	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	90697m	17.549	ug/l	
77) Bromobenzene	11.201	156	80917	17.213	ug/l	91
78) n-propylbenzene	11.305	91	356870	17.830	ug/l	97
79) 2-Chlorotoluene	11.366	91	216078	17.364	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	270226	17.636	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	23368	13.436	ug/l #	82
82) 4-Chlorotoluene	11.457	91	246473	17.195	ug/l	95
83) tert-Butylbenzene	11.713	119	274707	17.558	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	271829	17.847	ug/l	98
85) sec-Butylbenzene	11.890	105	335824	17.791	ug/l	98
86) p-Isopropyltoluene	12.012	119	292228	17.946	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155973	17.658	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	155900	16.810	ug/l	98
89) n-Butylbenzene	12.335	91	230810	17.262	ug/l	97
90) Hexachloroethane	12.542	117	43651	16.171	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	155382	17.708	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21825	16.754	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	96422	18.475	ug/l	100
94) Hexachlorobutadiene	13.725	225	40010	17.180	ug/l	93
95) Naphthalene	13.780	128	331442	19.064	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	96152	18.769	ug/l	96

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

