

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035385.D
 Acq On : 28 Apr 2023 13:01
 Operator : JC/MD
 Sample : VX0428MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 15:41:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	242179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	377561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	147941	50.634	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.260%			
35) Dibromofluoromethane	5.385	113	119029	51.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.720%			
50) Toluene-d8	8.647	98	439656	50.293	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.580%			
62) 4-Bromofluorobenzene	11.079	95	169593	51.571	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48544	18.944	ug/l	99
3) Chloromethane	1.294	50	38550	16.537	ug/l	98
4) Vinyl Chloride	1.374	62	38969	16.667	ug/l	96
5) Bromomethane	1.617	94	26232	16.880	ug/l	95
6) Chloroethane	1.691	64	23777	17.388	ug/l	99
7) Trichlorofluoromethane	1.886	101	68888	18.841	ug/l	100
8) Diethyl Ether	2.130	74	24027	18.023	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	45874	18.785	ug/l	96
10) Methyl Iodide	2.453	142	47677	15.469	ug/l	95
11) Tert butyl alcohol	3.007	59	51791	97.353	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	42142	17.916	ug/l	96
13) Acrolein	2.239	56	52573	100.488	ug/l	97
14) Allyl chloride	2.666	41	72733	17.571	ug/l	97
15) Acrylonitrile	3.068	53	121419	91.254	ug/l	99
16) Acetone	2.398	43	120356	94.846	ug/l	99
17) Carbon Disulfide	2.514	76	96663	17.143	ug/l	98
18) Methyl Acetate	2.709	43	93222	18.998	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	157535	19.522	ug/l	98
20) Methylene Chloride	2.788	84	49614	17.051	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	45675	17.879	ug/l	96
22) Diisopropyl ether	3.757	45	153152	18.697	ug/l	95
23) Vinyl Acetate	3.721	43	536689	95.320	ug/l	98
24) 1,1-Dichloroethane	3.611	63	84497	18.314	ug/l	99
25) 2-Butanone	4.562	43	168910	91.195	ug/l	95
26) 2,2-Dichloropropane	4.477	77	66222	18.320	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	54576	18.175	ug/l	95
28) Bromochloromethane	4.897	49	41265	20.987	ug/l	84
29) Tetrahydrofuran	5.007	42	105534	88.883	ug/l	94
30) Chloroform	5.092	83	89129	19.136	ug/l	100
31) Cyclohexane	5.464	56	73846	17.817	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	76402	18.717	ug/l	96
36) 1,1-Dichloropropene	5.696	75	64355	17.785	ug/l	96
37) Ethyl Acetate	4.714	43	63191	19.121	ug/l	96
38) Carbon Tetrachloride	5.678	117	65649	19.112	ug/l	99
39) Methylcyclohexane	7.379	83	81124	18.418	ug/l	95
40) Benzene	6.037	78	190179	18.322	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36693	19.377	ug/l	97
42) 1,2-Dichloroethane	6.086	62	70123	18.947	ug/l	98
43) Isopropyl Acetate	6.336	43	104207	18.765	ug/l	94
44) Trichloroethene	7.123	130	52838	18.478	ug/l	99
45) 1,2-Dichloropropane	7.427	63	48922	18.694	ug/l	96
46) Dibromomethane	7.580	93	34432	19.160	ug/l	92
47) Bromodichloromethane	7.824	83	64396	19.449	ug/l	97
48) Methyl methacrylate	7.690	41	51675	18.970	ug/l	91
49) 1,4-Dioxane	7.726	88	25159	378.912	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	326355	95.658	ug/l	96
52) Toluene	8.720	92	123197	18.724	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	68171	19.715	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	77339	19.788	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	51259	19.542	ug/l	98
56) Ethyl methacrylate	9.116	69	77090	19.730	ug/l	90
57) 1,3-Dichloropropane	9.305	76	86044	19.179	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	164765	84.334	ug/l	95
59) 2-Hexanone	9.427	43	244370	95.345	ug/l	94
60) Dibromochloromethane	9.518	129	49888	19.851	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52850	19.545	ug/l	100
64) Tetrachloroethene	9.275	164	46838	18.115	ug/l	98
65) Chlorobenzene	10.079	112	134011	18.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48335	19.010	ug/l	97
67) Ethyl Benzene	10.195	91	237255	18.752	ug/l	100
68) m/p-Xylenes	10.299	106	185941	38.353	ug/l	99
69) o-Xylene	10.640	106	90174	18.968	ug/l	99
70) Styrene	10.652	104	148304	19.240	ug/l	99
71) Bromoform	10.799	173	34743	19.644	ug/l #	100
73) Isopropylbenzene	10.963	105	238597	19.303	ug/l	100
74) N-amyl acetate	10.841	43	90014	19.378	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	73771	19.229	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	67249m	19.938	ug/l	
77) Bromobenzene	11.195	156	59312	19.304	ug/l	91
78) n-propylbenzene	11.305	91	268232	18.895	ug/l	99
79) 2-Chlorotoluene	11.366	91	163618	18.445	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	204458	19.618	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18136	17.415	ug/l	92
82) 4-Chlorotoluene	11.457	91	192327	19.304	ug/l	99
83) tert-Butylbenzene	11.713	119	198258	18.959	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	202430	19.331	ug/l	100
85) sec-Butylbenzene	11.890	105	239218	18.650	ug/l	99
86) p-Isopropyltoluene	12.012	119	208862	19.145	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113058	19.363	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	112344	18.351	ug/l	99
89) n-Butylbenzene	12.329	91	169573	18.413	ug/l	99
90) Hexachloroethane	12.536	117	30499	18.263	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	110101	18.853	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15194	19.751	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	70978	19.336	ug/l	98
94) Hexachlorobutadiene	13.725	225	29744	18.462	ug/l	98
95) Naphthalene	13.774	128	230420	20.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71218	19.273	ug/l	99

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

