

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034194.D
 Acq On : 20 Feb 2023 17:43
 Operator : JC/MD
 Sample : VX0220MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 21 01:10:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	335786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	572200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	237276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	216781	47.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.880%		
35) Dibromofluoromethane	5.385	113	185665	49.835	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.680%		
50) Toluene-d8	8.647	98	652593	48.788	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.079	95	234491	45.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56313	19.408	ug/l	98
3) Chloromethane	1.294	50	90739	21.731	ug/l	98
4) Vinyl Chloride	1.374	62	87358	22.973	ug/l	97
5) Bromomethane	1.605	94	45339	28.642	ug/l	100
6) Chloroethane	1.685	64	49977	26.143	ug/l	99
7) Trichlorofluoromethane	1.886	101	113962	22.152	ug/l	98
8) Diethyl Ether	2.130	74	48674	23.484	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	61598	17.002	ug/l	95
10) Methyl Iodide	2.453	142	76396	17.318	ug/l	94
11) Tert butyl alcohol	2.947	59	100390	99.253	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	65765	18.108	ug/l	95
13) Acrolein	2.233	56	28518	61.766	ug/l	93
14) Allyl chloride	2.666	41	131235	17.034	ug/l	88
15) Acrylonitrile	3.062	53	226905	102.834	ug/l	98
16) Acetone	2.373	43	183304	78.577	ug/l	92
17) Carbon Disulfide	2.514	76	181265	17.359	ug/l	99
18) Methyl Acetate	2.697	43	148698	20.600	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	254119	19.825	ug/l	96
20) Methylene Chloride	2.788	84	81569	19.406	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	72159	18.961	ug/l	93
22) Diisopropyl ether	3.757	45	282212	20.895	ug/l	99
23) Vinyl Acetate	3.721	43	1113954	102.942	ug/l	100
24) 1,1-Dichloroethane	3.611	63	143887	19.405	ug/l	99
25) 2-Butanone	4.550	43	319394	94.625	ug/l	99
26) 2,2-Dichloropropane	4.471	77	105415	15.694	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	88776	19.699	ug/l	98
28) Bromochloromethane	4.897	49	67560	20.425	ug/l	88
29) Tetrahydrofuran	5.001	42	213202	103.541	ug/l	98
30) Chloroform	5.093	83	137565	19.321	ug/l	96
31) Cyclohexane	5.471	56	115505	17.107	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	115809	18.145	ug/l	99
36) 1,1-Dichloropropene	5.696	75	95405	17.316	ug/l	99
37) Ethyl Acetate	4.708	43	123635	20.078	ug/l	100
38) Carbon Tetrachloride	5.678	117	98365	17.349	ug/l	99
39) Methylcyclohexane	7.379	83	115517	16.292	ug/l	98
40) Benzene	6.037	78	314936	19.288	ug/l	100

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41) Methacrylonitrile	4.916	41	69066	20.131	ug/l	99
42) 1,2-Dichloroethane	6.086	62	106284	18.508	ug/l	100
43) Isopropyl Acetate	6.336	43	213169	19.618	ug/l	99
44) Trichloroethene	7.123	130	78769	18.799	ug/l	94
45) 1,2-Dichloropropane	7.434	63	85161	19.592	ug/l	100
46) Dibromomethane	7.580	93	56584	19.780	ug/l	88
47) Bromodichloromethane	7.824	83	111483	18.990	ug/l	99
48) Methyl methacrylate	7.690	41	98985	19.192	ug/l	97
49) 1,4-Dioxane	7.659	88	41087	399.400	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	647110	108.242	ug/l	98
52) Toluene	8.720	92	187667	18.969	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	123033	18.207	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	132948	18.378	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	81664	20.449	ug/l	97
56) Ethyl methacrylate	9.116	69	135259	20.022	ug/l	98
57) 1,3-Dichloropropane	9.305	76	138929	19.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	309561	105.780	ug/l	96
59) 2-Hexanone	9.427	43	483132	106.039	ug/l	99
60) Dibromochloromethane	9.519	129	86140	19.522	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84203	19.937	ug/l	98
64) Tetrachloroethene	9.275	164	61190	17.276	ug/l	90
65) Chlorobenzene	10.079	112	197314	18.862	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	78201	19.311	ug/l	98
67) Ethyl Benzene	10.195	91	345902	18.405	ug/l	98
68) m/p-Xylenes	10.299	106	268342	37.311	ug/l	98
69) o-Xylene	10.640	106	134340	18.763	ug/l	96
70) Styrene	10.653	104	219862	18.881	ug/l	98
71) Bromoform	10.799	173	63777	19.294	ug/l #	100
73) Isopropylbenzene	10.963	105	333912	18.465	ug/l	100
74) N-amyl acetate	10.841	43	188838	20.786	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	128007	20.696	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	115918m	19.415	ug/l	
77) Bromobenzene	11.195	156	84067	19.318	ug/l	88
78) n-propylbenzene	11.305	91	377945	17.971	ug/l	98
79) 2-Chlorotoluene	11.366	91	230941	17.908	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	278098	18.291	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	40577	17.459	ug/l	89
82) 4-Chlorotoluene	11.457	91	263045	17.909	ug/l	98
83) tert-Butylbenzene	11.713	119	287291	18.450	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	279799	18.201	ug/l	99
85) sec-Butylbenzene	11.890	105	339731	17.966	ug/l	98
86) p-Isopropyltoluene	12.012	119	282453	18.049	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	153234	18.775	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	153890	18.694	ug/l	96
89) n-Butylbenzene	12.335	91	241146	17.301	ug/l	98
90) Hexachloroethane	12.536	117	56351	17.222	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	157563	19.732	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26795	18.167	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	93608	18.259	ug/l	99
94) Hexachlorobutadiene	13.725	225	37431	17.613	ug/l	99
95) Naphthalene	13.774	128	347211	20.105	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	98048	19.264	ug/l	98

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

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