

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040189.D
 Acq On : 12 Feb 2024 11:11
 Operator : JC/MD
 Sample : VX0212MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Semsettin Yesilyurt 02/13/2024

Quant Time: Feb 12 14:22:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54998	44.652	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.300%		
35) Dibromofluoromethane	5.385	113	43624	45.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.380%		
50) Toluene-d8	8.647	98	165284	46.274	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.540%		
62) 4-Bromofluorobenzene	11.079	95	64576	44.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18417	19.693	ug/l	93
3) Chloromethane	1.294	50	17085	17.716	ug/l	96
4) Vinyl Chloride	1.373	62	18976	18.620	ug/l	96
5) Bromomethane	1.605	94	13562	23.582	ug/l	97
6) Chloroethane	1.684	64	11215	17.449	ug/l	93
7) Trichlorofluoromethane	1.886	101	30416	18.584	ug/l	100
8) Diethyl Ether	2.136	74	10977	17.854	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	16515	18.812	ug/l	98
10) Methyl Iodide	2.453	142	18024	18.493	ug/l	93
11) Tert butyl alcohol	2.952	59	21855	91.094	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	15161	17.936	ug/l	91
13) Acrolein	2.233	56	21357	96.444	ug/l	98
14) Allyl chloride	2.666	41	26489	18.058	ug/l	97
15) Acrylonitrile	3.062	53	50635	94.326	ug/l	100
16) Acetone	2.379	43	46994	92.897	ug/l	96
17) Carbon Disulfide	2.514	76	38945	17.452	ug/l	100
18) Methyl Acetate	2.703	43	22860	16.857	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	55157	18.522	ug/l	99
20) Methylene Chloride	2.788	84	17179	17.064	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	16642	17.287	ug/l	89
22) Diisopropyl ether	3.763	45	54741	18.401	ug/l #	84
23) Vinyl Acetate	3.721	43	250229	94.354	ug/l	96
24) 1,1-Dichloroethane	3.611	63	30888	17.824	ug/l	100
25) 2-Butanone	4.550	43	71154	89.984	ug/l	92
26) 2,2-Dichloropropane	4.470	77	24932	18.690	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	19927	18.145	ug/l	92
28) Bromochloromethane	4.897	49	14334	19.482	ug/l	92
29) Tetrahydrofuran	5.001	42	46644	90.542	ug/l	95
30) Chloroform	5.092	83	33343	17.796	ug/l	95
31) Cyclohexane	5.470	56	26283	17.890	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	28875	18.320	ug/l	98
36) 1,1-Dichloropropene	5.696	75	24689	18.458	ug/l	100
37) Ethyl Acetate	4.714	43	27249	18.308	ug/l	98
38) Carbon Tetrachloride	5.671	117	23504	18.481	ug/l	90
39) Methylcyclohexane	7.378	83	29296	18.846	ug/l	94
40) Benzene	6.037	78	69246	18.512	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	14679	18.604	ug/l	92
42) 1,2-Dichloroethane	6.086	62	26899	18.398	ug/l	99
43) Isopropyl Acetate	6.336	43	43503	18.724	ug/l	98
44) Trichloroethene	7.122	130	18801	18.222	ug/l	99
45) 1,2-Dichloropropane	7.427	63	18529	19.031	ug/l	97
46) Dibromomethane	7.580	93	13855	19.322	ug/l	96
47) Bromodichloromethane	7.824	83	26499	19.180	ug/l #	98
48) Methyl methacrylate	7.689	41	21956	18.468	ug/l	92
49) 1,4-Dioxane	7.653	88	9875	381.822	ug/l #	95
51) 4-Methyl-2-Pentanone	8.567	43	149568	94.288	ug/l	99
52) Toluene	8.720	92	45330	18.501	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	27759	18.022	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	30083	19.428	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	19536	18.695	ug/l	94
56) Ethyl methacrylate	9.116	69	29711	18.992	ug/l	95
57) 1,3-Dichloropropane	9.305	76	32266	18.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	66544	89.916	ug/l	98
59) 2-Hexanone	9.427	43	118869	94.514	ug/l	100
60) Dibromochloromethane	9.518	129	20528	19.281	ug/l	97
61) 1,2-Dibromoethane	9.610	107	20669	18.608	ug/l	97
64) Tetrachloroethene	9.274	164	16910	18.615	ug/l	93
65) Chlorobenzene	10.079	112	50533	18.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	18327	19.559	ug/l	98
67) Ethyl Benzene	10.195	91	90541	18.790	ug/l	99
68) m/p-Xylenes	10.299	106	69098	37.970	ug/l	99
69) o-Xylene	10.640	106	33931	19.187	ug/l	100
70) Styrene	10.652	104	56773	19.309	ug/l	99
71) Bromoform	10.799	173	15333	18.691	ug/l #	99
73) Isopropylbenzene	10.963	105	90295	18.859	ug/l	99
74) N-amyl acetate	10.841	43	39331	19.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	32293	18.773	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	30008m	21.799	ug/l	
77) Bromobenzene	11.201	156	21860	19.331	ug/l	92
78) n-propylbenzene	11.305	91	110737	19.104	ug/l	99
79) 2-Chlorotoluene	11.366	91	64403	18.399	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	78578	19.494	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7613	17.977	ug/l	94
82) 4-Chlorotoluene	11.451	91	76894	18.541	ug/l	97
83) tert-Butylbenzene	11.713	119	75417	19.084	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	78636	19.283	ug/l	100
85) sec-Butylbenzene	11.890	105	96600	19.020	ug/l	99
86) p-Isopropyltoluene	12.006	119	79941	19.202	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43237	19.297	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	43268	18.236	ug/l	99
89) n-Butylbenzene	12.335	91	75451	18.775	ug/l	98
90) Hexachloroethane	12.536	117	12505	19.043	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	40922	18.866	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7796	19.637	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	27445	18.482	ug/l	98
94) Hexachlorobutadiene	13.725	225	11280	19.033	ug/l	99
95) Naphthalene	13.774	128	90059	19.202	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27045	19.107	ug/l	98

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

