

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
 Data File : VX039728.D
 Acq On : 12 Jan 2024 11:41
 Operator : JC/MD
 Sample : VX0112MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0112MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/15/2024
 Supervised By : Mahesh Dadoda 01/15/2024

Quant Time: Jan 12 22:34:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208244	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103598	52.947	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.900%			
35) Dibromofluoromethane	5.385	113	79665	56.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.600%			
50) Toluene-d8	8.647	98	300365	56.779	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.560%#			
62) 4-Bromofluorobenzene	11.079	95	111933	54.109	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	29938	19.810	ug/l	96
3) Chloromethane	1.295	50	31893	18.479	ug/l	98
4) Vinyl Chloride	1.374	62	30659	18.823	ug/l	92
5) Bromomethane	1.599	94	17472	18.800	ug/l	98
6) Chloroethane	1.666	64	18301	19.765	ug/l	100
7) Trichlorofluoromethane	1.874	101	45671	19.438	ug/l	99
8) Diethyl Ether	2.136	74	17259	19.877	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	28943	19.869	ug/l	97
10) Methyl Iodide	2.447	142	30078	19.573	ug/l	93
11) Tert butyl alcohol	2.995	59	45490	89.314	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	27436	19.516	ug/l	90
13) Acrolein	2.233	56	34157	99.863	ug/l	100
14) Allyl chloride	2.660	41	51008	18.435	ug/l	98
15) Acrylonitrile	3.063	53	101422	96.401	ug/l	99
16) Acetone	2.380	43	99669	90.576	ug/l	91
17) Carbon Disulfide	2.508	76	69040	17.087	ug/l	99
18) Methyl Acetate	2.703	43	45557	19.789	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	98781	19.792	ug/l	97
20) Methylene Chloride	2.788	84	32455	19.499	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	28489	19.257	ug/l	93
22) Diisopropyl ether	3.757	45	107272	20.316	ug/l	98
23) Vinyl Acetate	3.721	43	489247	99.678	ug/l	100
24) 1,1-Dichloroethane	3.605	63	57619	19.835	ug/l	98
25) 2-Butanone	4.556	43	152632	96.521	ug/l	96
26) 2,2-Dichloropropane	4.471	77	45000	19.302	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	34399	20.273	ug/l	96
28) Bromochloromethane	4.891	49	33059	25.107	ug/l	96
29) Tetrahydrofuran	5.001	42	97903	96.189	ug/l	99
30) Chloroform	5.093	83	57829	20.166	ug/l	98
31) Cyclohexane	5.471	56	50948	19.730	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	48557	19.779	ug/l	99
36) 1,1-Dichloropropene	5.690	75	41164	18.855	ug/l	98
37) Ethyl Acetate	4.709	43	55654	19.108	ug/l	98
38) Carbon Tetrachloride	5.672	117	37380	18.694	ug/l	94
39) Methylcyclohexane	7.379	83	51154	19.512	ug/l	97
40) Benzene	6.038	78	126754	20.503	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	28337	19.896	ug/l	93
42) 1,2-Dichloroethane	6.086	62	47735	20.310	ug/l	98
43) Isopropyl Acetate	6.342	43	85402	19.988	ug/l	99
44) Trichloroethene	7.123	130	30583	20.186	ug/l	98
45) 1,2-Dichloropropane	7.428	63	34213	20.630	ug/l	99
46) Dibromomethane	7.580	93	23136	20.198	ug/l	96
47) Bromodichloromethane	7.824	83	41434	19.531	ug/l	98
48) Methyl methacrylate	7.690	41	41339	19.684	ug/l	95
49) 1,4-Dioxane	7.665	88	17173	422.594	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	298485	101.435	ug/l	99
52) Toluene	8.720	92	76966	20.844	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	44044	19.565	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49286	19.911	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	32658	20.773	ug/l	92
56) Ethyl methacrylate	9.116	69	52285	20.549	ug/l	98
57) 1,3-Dichloropropane	9.305	76	55273	20.747	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	111304	92.546	ug/l	95
59) 2-Hexanone	9.433	43	242536	104.141	ug/l	100
60) Dibromochloromethane	9.519	129	29391	19.824	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34091	20.940	ug/l	100
64) Tetrachloroethene	9.269	164	24676	20.383	ug/l	96
65) Chlorobenzene	10.080	112	79458	20.493	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	28226	21.379	ug/l	98
67) Ethyl Benzene	10.195	91	150421	20.896	ug/l	98
68) m/p-Xylenes	10.299	106	111440	42.094	ug/l	97
69) o-Xylene	10.640	106	55837	21.298	ug/l	98
70) Styrene	10.653	104	90370	21.101	ug/l	99
71) Bromoform	10.799	173	20211	20.387	ug/l #	99
73) Isopropylbenzene	10.964	105	145700	21.497	ug/l	99
74) N-amyl acetate	10.842	43	76291	21.594	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	56703	21.909	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46028m	20.854	ug/l	
77) Bromobenzene	11.195	156	32488	21.528	ug/l	97
78) n-propylbenzene	11.305	91	170314	20.761	ug/l	98
79) 2-Chlorotoluene	11.366	91	104989	20.707	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	126107	21.907	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	13731	20.314	ug/l	99
82) 4-Chlorotoluene	11.451	91	116776	20.305	ug/l	100
83) tert-Butylbenzene	11.713	119	119943	21.825	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	124469	21.673	ug/l	99
85) sec-Butylbenzene	11.890	105	152918	21.435	ug/l	99
86) p-Isopropyltoluene	12.006	119	121708	21.345	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	61201	21.156	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	62463	20.906	ug/l	99
89) n-Butylbenzene	12.329	91	106832	19.399	ug/l	96
90) Hexachloroethane	12.536	117	19380	20.147	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	62232	21.760	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12215	19.260	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	33280	19.042	ug/l	99
94) Hexachlorobutadiene	13.725	225	15095	20.777	ug/l	98
95) Naphthalene	13.774	128	129012	20.052	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	35290	20.007	ug/l	98

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

