

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
 Data File : VX039729.D
 Acq On : 12 Jan 2024 12:10
 Operator : JC/MD
 Sample : VX0112MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 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 22:34:56 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	5.544	168	96722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	69391	42.828	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.660%		
35) Dibromofluoromethane	5.379	113	52396	46.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.960%		
50) Toluene-d8	8.647	98	198296	46.641	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.280%		
62) 4-Bromofluorobenzene	11.079	95	75409	45.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	22366	17.872	ug/l	95
3) Chloromethane	1.295	50	23570	16.492	ug/l	99
4) Vinyl Chloride	1.374	62	23945	17.753	ug/l	98
5) Bromomethane	1.593	94	13154	17.092	ug/l	94
6) Chloroethane	1.666	64	12105	15.788	ug/l	99
7) Trichlorofluoromethane	1.874	101	34662	17.815	ug/l	96
8) Diethyl Ether	2.130	74	13348	18.564	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	21940	18.189	ug/l	97
10) Methyl Iodide	2.447	142	23240	18.263	ug/l	93
11) Tert butyl alcohol	2.995	59	33536	79.514	ug/l #	90
12) 1,1-Dichloroethene	2.313	96	20387	17.513	ug/l	91
13) Acrolein	2.233	56	20993	69.926	ug/l	100
14) Allyl chloride	2.660	41	38340	16.733	ug/l	97
15) Acrylonitrile	3.063	53	76013	87.250	ug/l	99
16) Acetone	2.380	43	71911	78.918	ug/l	94
17) Carbon Disulfide	2.508	76	51764	15.471	ug/l	98
18) Methyl Acetate	2.703	43	35663	18.707	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	74692	18.073	ug/l	99
20) Methylene Chloride	2.782	84	24410	17.710	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	22128	18.063	ug/l	95
22) Diisopropyl ether	3.757	45	78133	17.869	ug/l	96
23) Vinyl Acetate	3.715	43	364192	89.605	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42278	17.576	ug/l	99
25) 2-Butanone	4.556	43	112142	85.639	ug/l	96
26) 2,2-Dichloropropane	4.471	77	33349	17.274	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	25218	17.948	ug/l	99
28) Bromochloromethane	4.891	49	18839	17.278	ug/l	94
29) Tetrahydrofuran	5.001	42	72191	85.653	ug/l	98
30) Chloroform	5.087	83	42395	17.853	ug/l	96
31) Cyclohexane	5.465	56	37739	17.649	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	35788	17.604	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30847	17.580	ug/l	99
37) Ethyl Acetate	4.715	43	42285	18.064	ug/l	99
38) Carbon Tetrachloride	5.666	117	27710	17.243	ug/l	93
39) Methylcyclohexane	7.373	83	38593	18.317	ug/l	95
40) Benzene	6.031	78	94989	19.118	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21620	18.887	ug/l	93
42) 1,2-Dichloroethane	6.086	62	35080	18.571	ug/l	100
43) Isopropyl Acetate	6.336	43	63182	18.400	ug/l	100
44) Trichloroethene	7.123	130	22135	18.178	ug/l	97
45) 1,2-Dichloropropane	7.428	63	25287	18.972	ug/l	96
46) Dibromomethane	7.580	93	17451	18.956	ug/l	96
47) Bromodichloromethane	7.818	83	30981	18.171	ug/l	95
48) Methyl methacrylate	7.690	41	30071	17.816	ug/l	95
49) 1,4-Dioxane	7.665	88	12854	393.578	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	219788	92.936	ug/l	99
52) Toluene	8.714	92	57158	19.260	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	32171	17.782	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36325	18.260	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	23785	18.825	ug/l	88
56) Ethyl methacrylate	9.116	69	38646	18.899	ug/l	98
57) 1,3-Dichloropropane	9.305	76	41129	19.209	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	95012	98.297	ug/l	95
59) 2-Hexanone	9.433	43	176467	94.281	ug/l	100
60) Dibromochloromethane	9.519	129	21766	18.267	ug/l	98
61) 1,2-Dibromoethane	9.610	107	25181	19.245	ug/l	98
64) Tetrachloroethene	9.269	164	18177	18.682	ug/l	92
65) Chlorobenzene	10.080	112	58787	18.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20190	19.027	ug/l	97
67) Ethyl Benzene	10.189	91	109718	18.964	ug/l	97
68) m/p-Xylenes	10.299	106	83052	39.033	ug/l	99
69) o-Xylene	10.640	106	41113	19.511	ug/l	99
70) Styrene	10.653	104	65390	18.997	ug/l	100
71) Bromoform	10.799	173	14158	17.769	ug/l #	99
73) Isopropylbenzene	10.957	105	106954	19.393	ug/l	100
74) N-amyl acetate	10.842	43	54465	18.946	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	41454	19.684	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34171m	19.027	ug/l	
77) Bromobenzene	11.195	156	23959	19.511	ug/l	98
78) n-propylbenzene	11.305	91	125966	18.871	ug/l	98
79) 2-Chlorotoluene	11.360	91	77163	18.703	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	92587	19.766	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9933	18.260	ug/l	100
82) 4-Chlorotoluene	11.451	91	87512	18.700	ug/l	99
83) tert-Butylbenzene	11.713	119	87533	19.574	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	91774	19.638	ug/l	99
85) sec-Butylbenzene	11.890	105	113626	19.573	ug/l	98
86) p-Isopropyltoluene	12.006	119	89470	19.284	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45180	19.194	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	45531	18.728	ug/l	99
89) n-Butylbenzene	12.329	91	78453	17.507	ug/l	97
90) Hexachloroethane	12.536	117	14105	18.021	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	45470	19.539	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8908	17.262	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	26280	18.479	ug/l	95
94) Hexachlorobutadiene	13.725	225	11215	18.971	ug/l	98
95) Naphthalene	13.774	128	96994	18.527	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	26313	18.333	ug/l	98

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

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