

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039948.D
 Acq On : 25 Jan 2024 12:32
 Operator : JC/MD
 Sample : VX0125MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2024
 Supervised By : Semsettin Yesilyurt 01/26/2024

Quant Time: Jan 26 01:31:13 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	79618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65637	49.214	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.420%		
35) Dibromofluoromethane	5.385	113	48772	51.657	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.320%		
50) Toluene-d8	8.647	98	174237	48.930	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.860%		
62) 4-Bromofluorobenzene	11.079	95	69545	49.942	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22024	21.380	ug/l	99
3) Chloromethane	1.294	50	22299	18.955	ug/l	98
4) Vinyl Chloride	1.373	62	22094	19.900	ug/l	97
5) Bromomethane	1.605	94	14166	22.362	ug/l	94
6) Chloroethane	1.684	64	12958	20.531	ug/l	98
7) Trichlorofluoromethane	1.886	101	33280	20.779	ug/l	99
8) Diethyl Ether	2.136	74	11813	19.959	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	20342	20.487	ug/l	99
10) Methyl Iodide	2.453	142	22703	21.674	ug/l	97
11) Tert butyl alcohol	2.952	59	31996	92.160	ug/l #	90
12) 1,1-Dichloroethene	2.318	96	20207	21.087	ug/l	88
13) Acrolein	2.233	56	15641	61.748	ug/l	97
14) Allyl chloride	2.666	41	36174	19.180	ug/l	98
15) Acrylonitrile	3.062	53	71690	99.965	ug/l	100
16) Acetone	2.373	43	70526	94.025	ug/l	92
17) Carbon Disulfide	2.513	76	55719	20.230	ug/l	99
18) Methyl Acetate	2.702	43	36249	23.100	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	68720	20.200	ug/l	97
20) Methylene Chloride	2.794	84	23434	20.655	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	21408	21.229	ug/l	96
22) Diisopropyl ether	3.757	45	71704	19.922	ug/l	93
23) Vinyl Acetate	3.721	43	333389	99.648	ug/l	99
24) 1,1-Dichloroethane	3.611	63	41133	20.773	ug/l	99
25) 2-Butanone	4.556	43	105406	97.788	ug/l	98
26) 2,2-Dichloropropane	4.477	77	29721	18.702	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	23808	20.584	ug/l	99
28) Bromochloromethane	4.897	49	18746	20.886	ug/l	96
29) Tetrahydrofuran	5.001	42	69142	99.659	ug/l	99
30) Chloroform	5.092	83	42415	21.699	ug/l	96
31) Cyclohexane	5.476	56	35379	20.100	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	35972	21.496	ug/l	99
36) 1,1-Dichloropropene	5.690	75	31212	21.238	ug/l	99
37) Ethyl Acetate	4.714	43	38642	19.709	ug/l	99
38) Carbon Tetrachloride	5.678	117	28563	21.220	ug/l	97
39) Methylcyclohexane	7.378	83	35264	19.982	ug/l	96
40) Benzene	6.037	78	87905	21.124	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	19633	20.478	ug/l	90
42) 1,2-Dichloroethane	6.086	62	35880	22.679	ug/l	98
43) Isopropyl Acetate	6.336	43	59590	20.719	ug/l	98
44) Trichloroethene	7.129	130	21932	21.505	ug/l	97
45) 1,2-Dichloropropane	7.433	63	23473	21.027	ug/l	95
46) Dibromomethane	7.580	93	16490	21.386	ug/l	96
47) Bromodichloromethane	7.824	83	31977	22.392	ug/l	100
48) Methyl methacrylate	7.695	41	29012	20.522	ug/l	93
49) 1,4-Dioxane	7.659	88	10056	367.617	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	208031	105.024	ug/l	97
52) Toluene	8.720	92	53355	21.466	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	32156	21.221	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	35496	21.303	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	22285	21.058	ug/l	91
56) Ethyl methacrylate	9.116	69	35962	20.996	ug/l	95
57) 1,3-Dichloropropane	9.311	76	38831	21.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	74663	92.224	ug/l	96
59) 2-Hexanone	9.427	43	165344	105.470	ug/l	98
60) Dibromochloromethane	9.518	129	21852	21.896	ug/l	96
61) 1,2-Dibromoethane	9.610	107	24706	22.544	ug/l	99
64) Tetrachloroethene	9.274	164	18534	21.883	ug/l	96
65) Chlorobenzene	10.079	112	57891	21.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	19929	21.576	ug/l	97
67) Ethyl Benzene	10.195	91	106980	21.242	ug/l	100
68) m/p-Xylenes	10.299	106	79605	42.980	ug/l	95
69) o-Xylene	10.640	106	38795	21.151	ug/l	96
70) Styrene	10.652	104	63901	21.327	ug/l	97
71) Bromoform	10.799	173	15386	22.184	ug/l #	100
73) Isopropylbenzene	10.963	105	103028	19.868	ug/l	99
74) N-amyl acetate	10.841	43	50914	18.835	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	38138	19.260	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32590m	19.299	ug/l	
77) Bromobenzene	11.195	156	23718	20.542	ug/l	99
78) n-propylbenzene	11.305	91	127882	20.375	ug/l	97
79) 2-Chlorotoluene	11.359	91	75051	19.347	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	88430	20.078	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9080	17.801	ug/l	96
82) 4-Chlorotoluene	11.451	91	89175	20.266	ug/l	98
83) tert-Butylbenzene	11.713	119	84477	20.090	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	90494	20.595	ug/l	98
85) sec-Butylbenzene	11.890	105	112717	20.650	ug/l	98
86) p-Isopropyltoluene	12.006	119	90296	20.698	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	45981	20.775	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	46599	20.385	ug/l	97
89) n-Butylbenzene	12.329	91	86384	20.502	ug/l	97
90) Hexachloroethane	12.536	117	14486	19.683	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	44807	20.477	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	9745	20.083	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	28419	21.253	ug/l	97
94) Hexachlorobutadiene	13.725	225	12440	22.380	ug/l	95
95) Naphthalene	13.774	128	97631	19.833	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27383	20.290	ug/l	98

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

