

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038046.D
 Acq On : 03 Oct 2023 18:53
 Operator : JC/MD
 Sample : VX1003MBS01
 Misc : 5.00g/10 mL/100uL/5.0mL/MSVOA_X/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2023
 Supervised By : Semsettin Yesilyurt 10/04/2023

Quant Time: Oct 04 09:14:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	132145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105406	51.265	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.520%			
35) Dibromofluoromethane	5.385	113	78837	51.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	8.647	98	303692	51.340	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.680%			
62) 4-Bromofluorobenzene	11.079	95	109769	50.988	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29146	22.135	ug/l	93
3) Chloromethane	1.301	50	31419	18.125	ug/l	95
4) Vinyl Chloride	1.374	62	34524	22.066	ug/l	98
5) Bromomethane	1.605	94	32716	15.903	ug/l	95
6) Chloroethane	1.685	64	24275	20.668	ug/l	99
7) Trichlorofluoromethane	1.886	101	61906	20.060	ug/l	99
8) Diethyl Ether	2.136	74	22733	20.143	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	26312	19.583	ug/l	99
10) Methyl Iodide	2.453	142	28497	20.563	ug/l	96
11) Tert butyl alcohol	2.959	59	47388	102.602	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	25664	20.512	ug/l	89
13) Acrolein	2.233	56	27262	103.183	ug/l	99
14) Allyl chloride	2.666	41	43379	19.562	ug/l	93
15) Acrylonitrile	3.062	53	101667	105.909	ug/l	99
16) Acetone	2.380	43	87025	96.376	ug/l	91
17) Carbon Disulfide	2.514	76	68126	19.251	ug/l	99
18) Methyl Acetate	2.703	43	80743	20.799	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	97976	20.276	ug/l	99
20) Methylene Chloride	2.788	84	34702	20.905	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	29970	19.936	ug/l	94
22) Diisopropyl ether	3.764	45	94577	20.411	ug/l	92
23) Vinyl Acetate	3.721	43	344796	103.431	ug/l	99
24) 1,1-Dichloroethane	3.611	63	56622	20.132	ug/l	99
25) 2-Butanone	4.556	43	147562	103.650	ug/l	97
26) 2,2-Dichloropropane	4.477	77	39378	17.827	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	35475	20.240	ug/l	94
28) Bromochloromethane	4.898	49	24975	18.873	ug/l	93
29) Tetrahydrofuran	5.007	42	95478	103.988	ug/l	91
30) Chloroform	5.093	83	60779	19.838	ug/l	98
31) Cyclohexane	5.471	56	47515	19.762	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	51965	20.391	ug/l	98
36) 1,1-Dichloropropene	5.696	75	43601	19.141	ug/l	98
37) Ethyl Acetate	4.715	43	53870	21.057	ug/l	98
38) Carbon Tetrachloride	5.678	117	43734	19.730	ug/l	98
39) Methylcyclohexane	7.385	83	52998	19.685	ug/l	97
40) Benzene	6.038	78	129044	20.082	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27538	21.499	ug/l	91
42) 1,2-Dichloroethane	6.092	62	50395	19.998	ug/l	100
43) Isopropyl Acetate	6.342	43	81913	20.667	ug/l	98
44) Trichloroethene	7.129	130	33949	19.577	ug/l	98
45) 1,2-Dichloropropane	7.434	63	33212	20.302	ug/l	98
46) Dibromomethane	7.580	93	25439	20.081	ug/l	98
47) Bromodichloromethane	7.824	83	44845	20.333	ug/l	97
48) Methyl methacrylate	7.696	41	39161	20.550	ug/l	86
49) 1,4-Dioxane	7.659	88	19409	454.357	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	292974	106.391	ug/l	98
52) Toluene	8.720	92	83252	20.017	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	47369	20.390	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	50531	20.441	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	34883	20.654	ug/l	95
56) Ethyl methacrylate	9.116	69	52520	20.690	ug/l	93
57) 1,3-Dichloropropane	9.311	76	58124	20.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	123318	95.054	ug/l	99
59) 2-Hexanone	9.433	43	236676	107.439	ug/l	97
60) Dibromochloromethane	9.519	129	33640	20.698	ug/l	99
61) 1,2-Dibromoethane	9.610	107	37469	20.463	ug/l	100
64) Tetrachloroethene	9.275	164	28289	19.625	ug/l	98
65) Chlorobenzene	10.079	112	89964	19.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30393	20.041	ug/l	96
67) Ethyl Benzene	10.195	91	163885	20.032	ug/l	100
68) m/p-Xylenes	10.299	106	124968	39.887	ug/l	100
69) o-Xylene	10.640	106	59125	19.872	ug/l	95
70) Styrene	10.659	104	100511	20.453	ug/l	98
71) Bromoform	10.799	173	23904	20.734	ug/l #	99
73) Isopropylbenzene	10.963	105	159828	20.151	ug/l	99
74) N-amyl acetate	10.842	43	73830	20.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	59967	20.199	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	56357m	20.817	ug/l	
77) Bromobenzene	11.195	156	38912	20.010	ug/l	93
78) n-propylbenzene	11.305	91	196775	20.190	ug/l	98
79) 2-Chlorotoluene	11.366	91	114189	20.178	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	138550	20.524	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15105	18.843	ug/l	97
82) 4-Chlorotoluene	11.451	91	134224	19.679	ug/l	99
83) tert-Butylbenzene	11.713	119	136139	20.286	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	137393	20.180	ug/l	99
85) sec-Butylbenzene	11.890	105	175049	20.113	ug/l	99
86) p-Isopropyltoluene	12.006	119	144639	20.294	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	74229	19.037	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	78565	19.304	ug/l	99
89) n-Butylbenzene	12.335	91	141743	19.926	ug/l	95
90) Hexachloroethane	12.536	117	22965	19.770	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	75028	20.219	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14263	21.112	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	48619	18.889	ug/l	97
94) Hexachlorobutadiene	13.725	225	20292	18.475	ug/l	97
95) Naphthalene	13.774	128	171970	19.820	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47457	19.065	ug/l	97

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

