

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032031.D
 Acq On : 11 Oct 2022 13:03
 Operator : JC/MD
 Sample : VX1011MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2022
 Supervised By : Mahesh Dadoda 10/12/2022

Quant Time: Oct 11 16:23:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	62128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	91678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67614	52.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.400%			
35) Dibromofluoromethane	5.391	113	54769	52.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.560%			
50) Toluene-d8	8.647	98	193393	51.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.580%			
62) 4-Bromofluorobenzene	11.079	95	71554	54.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18995	20.544	ug/l	99
3) Chloromethane	1.288	50	17312	17.880	ug/l	99
4) Vinyl Chloride	1.374	62	20202	17.854	ug/l	98
5) Bromomethane	1.611	94	14897	18.027	ug/l	96
6) Chloroethane	1.685	64	16592	17.232	ug/l	99
7) Trichlorofluoromethane	1.886	101	38218	18.791	ug/l	95
8) Diethyl Ether	2.130	74	13479	19.442	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	19881	19.339	ug/l	92
10) Methyl Iodide	2.453	142	14848	16.167	ug/l	98
11) Tert butyl alcohol	2.989	59	18136	113.608	ug/l	99
12) 1,1-Dichloroethene	2.319	96	17081	18.050	ug/l	92
13) Acrolein	2.239	56	9348	91.690	ug/l	97
14) Allyl chloride	2.666	41	26338	19.560	ug/l	95
15) Acrylonitrile	3.062	53	52314	102.799	ug/l	99
16) Acetone	2.386	43	43876	100.617	ug/l	97
17) Carbon Disulfide	2.508	76	36303	17.864	ug/l	99
18) Methyl Acetate	2.703	43	30642	21.297	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	63046	19.853	ug/l	99
20) Methylene Chloride	2.788	84	20965	18.295	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	18842	17.979	ug/l	86
22) Diisopropyl ether	3.757	45	62660	20.700	ug/l	89
23) Vinyl Acetate	3.721	43	244350	107.991	ug/l	95
24) 1,1-Dichloroethane	3.605	63	35300	19.454	ug/l	98
25) 2-Butanone	4.562	43	68827	100.968	ug/l	97
26) 2,2-Dichloropropane	4.471	77	25482	19.551	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	23066	18.395	ug/l	92
28) Bromochloromethane	4.898	49	17786	22.900	ug/l	91
29) Tetrahydrofuran	5.013	42	43972	99.975	ug/l	96
30) Chloroform	5.093	83	40211	19.895	ug/l	96
31) Cyclohexane	5.464	56	28684	18.714	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	33651	19.592	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27176	19.749	ug/l	99
37) Ethyl Acetate	4.715	43	27433	21.175	ug/l	99
38) Carbon Tetrachloride	5.678	117	29148	20.716	ug/l	93
39) Methylcyclohexane	7.379	83	32453	19.771	ug/l	93
40) Benzene	6.038	78	80553	19.991	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	15118	22.441	ug/l	97
42) 1,2-Dichloroethane	6.092	62	31453	21.420	ug/l	99
43) Isopropyl Acetate	6.342	43	44170	22.471	ug/l	99
44) Trichloroethene	7.123	130	21721	18.384	ug/l	92
45) 1,2-Dichloropropane	7.434	63	21362	21.572	ug/l	91
46) Dibromomethane	7.580	93	16121	21.006	ug/l	95
47) Bromodichloromethane	7.824	83	28874	21.779	ug/l	97
48) Methyl methacrylate	7.696	41	21722	23.126	ug/l	94
49) 1,4-Dioxane	7.696	88	9506	406.355	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	144437	110.884	ug/l	99
52) Toluene	8.720	92	51377	19.501	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	27375	19.926	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	30711	21.390	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21808	19.612	ug/l	95
56) Ethyl methacrylate	9.116	69	30794	21.604	ug/l	98
57) 1,3-Dichloropropane	9.311	76	36864	20.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	80749	109.746	ug/l	96
59) 2-Hexanone	9.433	43	106962	111.366	ug/l	100
60) Dibromochloromethane	9.519	129	22360	21.972	ug/l	97
61) 1,2-Dibromoethane	9.610	107	23237	20.780	ug/l	99
64) Tetrachloroethene	9.275	164	22402	19.332	ug/l	98
65) Chlorobenzene	10.079	112	55963	17.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20923	19.443	ug/l	98
67) Ethyl Benzene	10.195	91	99460	18.904	ug/l	100
68) m/p-Xylenes	10.299	106	77664	37.146	ug/l	99
69) o-Xylene	10.640	106	38395	18.894	ug/l	100
70) Styrene	10.659	104	63116	19.428	ug/l	100
71) Bromoform	10.799	173	14670	20.824	ug/l #	96
73) Isopropylbenzene	10.963	105	102893	19.643	ug/l	99
74) N-amyl acetate	10.842	43	36812	23.013	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	33019	19.839	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29525m	20.742	ug/l	
77) Bromobenzene	11.201	156	25126	19.473	ug/l	95
78) n-propylbenzene	11.305	91	117158	19.664	ug/l	99
79) 2-Chlorotoluene	11.366	91	69625	19.419	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	85632	19.711	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7051	19.909	ug/l #	79
82) 4-Chlorotoluene	11.457	91	81712	19.899	ug/l	100
83) tert-Butylbenzene	11.713	119	85115	19.795	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	86845	19.678	ug/l	99
85) sec-Butylbenzene	11.890	105	108560	20.393	ug/l	99
86) p-Isopropyltoluene	12.012	119	91102	20.326	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	46633	18.981	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	48700	19.258	ug/l	99
89) n-Butylbenzene	12.335	91	77163	20.558	ug/l	99
90) Hexachloroethane	12.536	117	13526	19.790	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	48097	19.691	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6446	21.159	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	29125	19.645	ug/l	100
94) Hexachlorobutadiene	13.725	225	12586	20.990	ug/l	98
95) Naphthalene	13.774	128	101809	20.041	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30124	20.032	ug/l	99

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

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