

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033314.D
 Acq On : 08 Dec 2022 11:35
 Operator : JC/MD
 Sample : VX1208MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 00:44:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	162176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50731	48.760	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.520%		
35) Dibromofluoromethane	5.385	113	57173	48.734	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	8.647	98	124329	50.659	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.320%		
62) 4-Bromofluorobenzene	11.079	95	97213	51.805	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21265	18.771	ug/l	100
3) Chloromethane	1.294	50	23259	17.757	ug/l	99
4) Vinyl Chloride	1.374	62	27095	18.116	ug/l	95
5) Bromomethane	1.617	94	18643	16.986	ug/l	99
6) Chloroethane	1.691	64	19499	17.188	ug/l	97
7) Trichlorofluoromethane	1.892	101	51093	18.196	ug/l	98
8) Diethyl Ether	2.136	74	17587	17.341	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	29066	19.514	ug/l	98
10) Methyl Iodide	2.453	142	27196	16.671	ug/l	99
11) Tert butyl alcohol	2.995	59	30253	95.109	ug/l	95
12) 1,1-Dichloroethene	2.325	96	27281	18.555	ug/l	99
13) Acrolein	2.239	56	30637	88.807	ug/l	99
14) Allyl chloride	2.666	41	42908	18.275	ug/l	96
15) Acrylonitrile	3.068	53	70363	89.299	ug/l	99
16) Acetone	2.392	43	73898	95.987	ug/l	100
17) Carbon Disulfide	2.514	76	66471	17.615	ug/l	100
18) Methyl Acetate	2.709	43	40592	18.213	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	95464	18.745	ug/l	97
20) Methylene Chloride	2.788	84	30897	17.995	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	30057	18.689	ug/l	96
22) Diisopropyl ether	3.757	45	92867	18.461	ug/l #	83
23) Vinyl Acetate	3.721	43	357198	91.484	ug/l	100
24) 1,1-Dichloroethane	3.611	63	54831	18.551	ug/l	99
25) 2-Butanone	4.562	43	102310	92.580	ug/l	98
26) 2,2-Dichloropropane	4.477	77	41472	19.080	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	35908	18.682	ug/l	98
28) Bromochloromethane	4.897	49	20269	16.382	ug/l	94
29) Tetrahydrofuran	5.019	42	62599	87.429	ug/l	96
30) Chloroform	5.099	83	60679	18.492	ug/l	96
31) Cyclohexane	5.477	56	46921	18.976	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	53052	18.791	ug/l	99
36) 1,1-Dichloropropene	5.696	75	43102	18.844	ug/l	99
37) Ethyl Acetate	4.715	43	39919	18.463	ug/l	98
38) Carbon Tetrachloride	5.678	117	47884	18.685	ug/l	96
39) Methylcyclohexane	7.379	83	49798	19.451	ug/l	98
40) Benzene	6.044	78	124098	18.608	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21937	18.412	ug/l	97
42) 1,2-Dichloroethane	6.086	62	49206	18.581	ug/l	99
43) Isopropyl Acetate	6.342	43	62591	17.992	ug/l	98
44) Trichloroethene	7.129	130	34880	18.970	ug/l	97
45) 1,2-Dichloropropane	7.434	63	31452	18.441	ug/l	97
46) Dibromomethane	7.586	93	23407	18.016	ug/l	98
47) Bromodichloromethane	7.824	83	45624	18.014	ug/l	100
48) Methyl methacrylate	7.696	41	32252	17.963	ug/l	95
49) 1,4-Dioxane	7.708	88	14949	365.121	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	201251	91.477	ug/l	98
52) Toluene	8.720	92	82319	19.091	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	43879	17.825	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49505	18.369	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	33905	18.706	ug/l	96
56) Ethyl methacrylate	9.116	69	46023	18.034	ug/l	94
57) 1,3-Dichloropropane	9.311	76	54336	18.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	102700	87.952	ug/l	99
59) 2-Hexanone	9.427	43	153088	94.425	ug/l	97
60) Dibromochloromethane	9.518	129	35308	17.680	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35704	18.519	ug/l	99
64) Tetrachloroethene	9.275	164	30133	18.770	ug/l	97
65) Chlorobenzene	10.079	112	89658	18.859	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	33011	18.374	ug/l	99
67) Ethyl Benzene	10.195	91	160152	19.336	ug/l	99
68) m/p-Xylenes	10.305	106	125074	38.813	ug/l	98
69) o-Xylene	10.640	106	60462	18.982	ug/l	99
70) Styrene	10.659	104	100330	19.233	ug/l	98
71) Bromoform	10.799	173	24237	17.043	ug/l #	97
73) Isopropylbenzene	10.963	105	160249	19.013	ug/l	100
74) N-amyl acetate	10.841	43	53167	18.489	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	49315	18.444	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	44173m	18.672	ug/l	
77) Bromobenzene	11.201	156	39717	18.661	ug/l	98
78) n-propylbenzene	11.305	91	181858	19.324	ug/l	99
79) 2-Chlorotoluene	11.366	91	109497	18.827	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	134968	19.238	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11900	15.647	ug/l	96
82) 4-Chlorotoluene	11.457	91	125509	18.558	ug/l	98
83) tert-Butylbenzene	11.713	119	133549	19.089	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	133188	19.018	ug/l	99
85) sec-Butylbenzene	11.890	105	157495	19.295	ug/l	99
86) p-Isopropyltoluene	12.012	119	135894	19.310	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	71655	18.586	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	73867	18.757	ug/l	99
89) n-Butylbenzene	12.335	91	111251	19.301	ug/l	99
90) Hexachloroethane	12.536	117	20977	17.536	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	72515	18.813	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10232	17.716	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	44184	18.980	ug/l	97
94) Hexachlorobutadiene	13.725	225	17562	18.840	ug/l	96
95) Naphthalene	13.774	128	147321	18.972	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44189	18.743	ug/l	99

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

