

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034312.D
 Acq On : 03 Mar 2023 11:03
 Operator : JC/MD
 Sample : VX0303MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0303MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2023
 Supervised By : Mahesh Dadoda 03/06/2023

Quant Time: Mar 03 15:07:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	264932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	430008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172989	48.483	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.960%		
35) Dibromofluoromethane	5.379	113	145916	52.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.240%		
50) Toluene-d8	8.647	98	533224	53.046	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.100%		
62) 4-Bromofluorobenzene	11.079	95	205396	53.419	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	46023	20.104	ug/l	97
3) Chloromethane	1.301	50	62637	19.013	ug/l	95
4) Vinyl Chloride	1.374	62	64691	21.562	ug/l	98
5) Bromomethane	1.605	94	39485	32.402	ug/l	97
6) Chloroethane	1.685	64	37450	24.829	ug/l	99
7) Trichlorofluoromethane	1.886	101	97783	24.090	ug/l	99
8) Diethyl Ether	2.136	74	36118	22.087	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	53217	18.617	ug/l	94
10) Methyl Iodide	2.453	142	62394	17.927	ug/l	94
11) Tert butyl alcohol	2.953	59	67456	84.528	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	51055	17.817	ug/l	93
13) Acrolein	2.233	56	35843	98.393	ug/l	98
14) Allyl chloride	2.666	41	100478	16.530	ug/l	90
15) Acrylonitrile	3.063	53	158376	90.972	ug/l	99
16) Acetone	2.374	43	150984	82.032	ug/l	94
17) Carbon Disulfide	2.514	76	141586	17.186	ug/l	100
18) Methyl Acetate	2.703	43	102687	18.031	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189646	18.752	ug/l	98
20) Methylene Chloride	2.788	84	59594	17.970	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	56341	18.764	ug/l	99
22) Diisopropyl ether	3.757	45	207905	19.510	ug/l	95
23) Vinyl Acetate	3.721	43	811819	95.085	ug/l	100
24) 1,1-Dichloroethane	3.611	63	106247	18.161	ug/l	99
25) 2-Butanone	4.550	43	235020	88.250	ug/l	98
26) 2,2-Dichloropropane	4.477	77	91720	17.307	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	66283	18.641	ug/l	94
28) Bromochloromethane	4.898	49	55090	21.109	ug/l	88
29) Tetrahydrofuran	5.001	42	150271	92.496	ug/l	99
30) Chloroform	5.093	83	105806	18.835	ug/l	96
31) Cyclohexane	5.465	56	100010	18.774	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	93298	18.527	ug/l	99
36) 1,1-Dichloropropene	5.690	75	78266	18.902	ug/l	99
37) Ethyl Acetate	4.715	43	89297	19.297	ug/l	100
38) Carbon Tetrachloride	5.678	117	80213	18.826	ug/l	97
39) Methylcyclohexane	7.379	83	102993	19.329	ug/l	98
40) Benzene	6.038	78	241323	19.667	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49114	19.049	ug/l	99
42) 1,2-Dichloroethane	6.086	62	83035	19.241	ug/l	99
43) Isopropyl Acetate	6.336	43	154638	18.937	ug/l	99
44) Trichloroethene	7.123	130	62257	19.771	ug/l	93
45) 1,2-Dichloropropane	7.428	63	64211	19.657	ug/l	99
46) Dibromomethane	7.580	93	42738	19.880	ug/l	87
47) Bromodichloromethane	7.818	83	82521	18.705	ug/l	99
48) Methyl methacrylate	7.690	41	72657	18.746	ug/l	97
49) 1,4-Dioxane	7.659	88	32043	414.484	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	460624	102.526	ug/l	99
52) Toluene	8.720	92	151507	20.377	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	94680	18.644	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	100689	18.521	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	60295	20.091	ug/l	97
56) Ethyl methacrylate	9.116	69	98767	19.454	ug/l	97
57) 1,3-Dichloropropane	9.305	76	107483	20.585	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	228350	103.831	ug/l	95
59) 2-Hexanone	9.427	43	348599	101.812	ug/l	98
60) Dibromochloromethane	9.519	129	66107	19.936	ug/l	98
61) 1,2-Dibromoethane	9.610	107	64661	20.373	ug/l	99
64) Tetrachloroethene	9.275	164	54311	19.816	ug/l	95
65) Chlorobenzene	10.080	112	162431	20.067	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	60281	19.237	ug/l	98
67) Ethyl Benzene	10.195	91	294220	20.232	ug/l	100
68) m/p-Xylenes	10.299	106	225216	40.469	ug/l	96
69) o-Xylene	10.640	106	111985	20.212	ug/l	96
70) Styrene	10.653	104	180521	20.034	ug/l	97
71) Bromoform	10.799	173	47236	18.467	ug/l #	99
73) Isopropylbenzene	10.964	105	288017	19.567	ug/l	100
74) N-amyl acetate	10.842	43	137604	18.608	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	94381	18.747	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78043m	16.058	ug/l	
77) Bromobenzene	11.195	156	69228	19.543	ug/l	87
78) n-propylbenzene	11.305	91	337306	19.703	ug/l	98
79) 2-Chlorotoluene	11.366	91	200332	19.084	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	241939	19.550	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30414	16.076	ug/l	94
82) 4-Chlorotoluene	11.451	91	231345	19.350	ug/l	97
83) tert-Butylbenzene	11.713	119	248572	19.611	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	239701	19.156	ug/l	98
85) sec-Butylbenzene	11.890	105	302683	19.665	ug/l	99
86) p-Isopropyltoluene	12.012	119	252278	19.804	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	130982	19.716	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	131800	19.669	ug/l	96
89) n-Butylbenzene	12.335	91	219162	19.317	ug/l	97
90) Hexachloroethane	12.536	117	46343	17.400	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	129638	19.945	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19041	15.860	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	77585	18.592	ug/l	98
94) Hexachlorobutadiene	13.725	225	32981	19.065	ug/l	98
95) Naphthalene	13.774	128	261264	18.585	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	79404	19.166	ug/l	99

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

