

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036944.D
 Acq On : 11 Aug 2023 16:27
 Operator : JC/MD
 Sample : VX0811MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811MBS01

Quant Time: Aug 11 23:01:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93458	50.074	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.140%			
35) Dibromofluoromethane	5.385	113	77155	51.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	8.647	98	250074	46.972	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.940%			
62) 4-Bromofluorobenzene	11.079	95	103070	51.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	32251	19.355	ug/l	96
3) Chloromethane	1.301	50	27237	17.971	ug/l	96
4) Vinyl Chloride	1.374	62	30696	19.893	ug/l	100
5) Bromomethane	1.599	94	17111	18.574	ug/l	98
6) Chloroethane	1.679	64	19336	25.774	ug/l	96
7) Trichlorofluoromethane	1.886	101	53212	22.331	ug/l	100
8) Diethyl Ether	2.136	74	19627	21.290	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	28644	20.008	ug/l	99
10) Methyl Iodide	2.453	142	33833	22.753	ug/l	96
11) Tert butyl alcohol	2.965	59	45110	102.092	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	27987	19.815	ug/l	88
13) Acrolein	2.240	56	25721	102.000	ug/l	99
14) Allyl chloride	2.660	41	45648	16.413	ug/l #	95
15) Acrylonitrile	3.069	53	88963	100.117	ug/l	99
16) Acetone	2.380	43	77632	100.238	ug/l	92
17) Carbon Disulfide	2.508	76	65323	16.757	ug/l	100
18) Methyl Acetate	2.703	43	63824	19.589	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	110440	20.808	ug/l	97
20) Methylene Chloride	2.788	84	32802	19.044	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	30811	19.518	ug/l	88
22) Diisopropyl ether	3.764	45	97439	18.451	ug/l	90
23) Vinyl Acetate	3.721	43	374588	92.473	ug/l	95
24) 1,1-Dichloroethane	3.611	63	58623	19.800	ug/l	98
25) 2-Butanone	4.556	43	123182	98.032	ug/l #	90
26) 2,2-Dichloropropane	4.471	77	43515	15.598	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	37776	20.148	ug/l	89
28) Bromochloromethane	4.898	49	29039	20.280	ug/l	84
29) Tetrahydrofuran	5.007	42	79071	97.604	ug/l	88
30) Chloroform	5.093	83	62931	20.775	ug/l	99
31) Cyclohexane	5.477	56	44021	17.035	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	57399	20.680	ug/l	98
36) 1,1-Dichloropropene	5.696	75	43245	19.326	ug/l	98
37) Ethyl Acetate	4.721	43	48505	19.151	ug/l	96
38) Carbon Tetrachloride	5.678	117	47907	20.138	ug/l	97
39) Methylcyclohexane	7.379	83	45544	16.368	ug/l	94
40) Benzene	6.044	78	129515	19.894	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25748	19.008	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	51566	21.664	ug/l	96
43) Isopropyl Acetate	6.342	43	78806	18.076	ug/l #	93
44) Trichloroethene	7.129	130	35065	20.605	ug/l	96
45) 1,2-Dichloropropane	7.434	63	33150	19.071	ug/l	98
46) Dibromomethane	7.580	93	25126	20.654	ug/l	94
47) Bromodichloromethane	7.824	83	49234	19.717	ug/l	97
48) Methyl methacrylate	7.696	41	37019	18.258	ug/l #	87
49) 1,4-Dioxane	7.659	88	18055	440.804	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	243997	101.133	ug/l	93
52) Toluene	8.720	92	83376	20.439	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	50530	17.904	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	55009	18.471	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	36257	21.144	ug/l	96
56) Ethyl methacrylate	9.116	69	55877	20.011	ug/l	91
57) 1,3-Dichloropropane	9.311	76	60094	21.041	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	133660	97.148	ug/l	95
59) 2-Hexanone	9.427	43	184267	102.909	ug/l	92
60) Dibromochloromethane	9.519	129	38015	20.170	ug/l	99
61) 1,2-Dibromoethane	9.610	107	37911	21.332	ug/l	98
64) Tetrachloroethene	9.275	164	31130	21.036	ug/l	99
65) Chlorobenzene	10.080	112	89621	20.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	34527	20.426	ug/l	99
67) Ethyl Benzene	10.195	91	158383	19.824	ug/l	99
68) m/p-Xylenes	10.299	106	121991	40.924	ug/l	98
69) o-Xylene	10.640	106	60708	20.403	ug/l	99
70) Styrene	10.653	104	99903	20.350	ug/l	98
71) Bromoform	10.799	173	26493	19.361	ug/l #	98
73) Isopropylbenzene	10.964	105	155647	18.946	ug/l	99
74) N-amyl acetate	10.842	43	65578	17.118	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	54333	19.582	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	45423m	19.454	ug/l	
77) Bromobenzene	11.195	156	37334	19.955	ug/l	94
78) n-propylbenzene	11.305	91	173327	18.243	ug/l	100
79) 2-Chlorotoluene	11.366	91	110420	19.179	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	131059	19.070	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15002	14.563	ug/l	91
82) 4-Chlorotoluene	11.451	91	125900	19.193	ug/l	99
83) tert-Butylbenzene	11.713	119	123501	18.292	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	131651	19.154	ug/l	99
85) sec-Butylbenzene	11.890	105	150342	17.855	ug/l	99
86) p-Isopropyltoluene	12.012	119	124127	17.916	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68088	19.650	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	69158	20.111	ug/l	99
89) n-Butylbenzene	12.329	91	101886	16.428	ug/l	99
90) Hexachloroethane	12.536	117	21842	15.551	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	68791	20.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12493	19.376	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	38556	18.715	ug/l	97
94) Hexachlorobutadiene	13.725	225	14515	17.031	ug/l	98
95) Naphthalene	13.774	128	168196	23.429	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	40062	19.730	ug/l	99

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

