

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036754.D
 Acq On : 01 Aug 2023 17:27
 Operator : JC/MD
 Sample : VX0801MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801MBS01

Quant Time: Aug 02 06:26:09 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 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	132696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97001	49.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.800%		
35) Dibromofluoromethane	5.391	113	80126	49.672	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.340%		
50) Toluene-d8	8.647	98	275496	48.160	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.320%		
62) 4-Bromofluorobenzene	11.079	95	105630	48.943	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29221	16.669	ug/l	100
3) Chloromethane	1.301	50	27038	16.958	ug/l	96
4) Vinyl Chloride	1.374	62	30070	18.524	ug/l	97
5) Bromomethane	1.599	94	15489	15.982	ug/l	98
6) Chloroethane	1.685	64	18804	23.826	ug/l	99
7) Trichlorofluoromethane	1.886	101	52855	21.085	ug/l	97
8) Diethyl Ether	2.136	74	19527	20.134	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	29226	19.405	ug/l	99
10) Methyl Iodide	2.453	142	25616	16.375	ug/l	90
11) Tert butyl alcohol	2.965	59	55613	119.641	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	27946	18.808	ug/l	88
13) Acrolein	2.239	56	24913	93.913	ug/l	100
14) Allyl chloride	2.660	41	51137	17.477	ug/l	95
15) Acrylonitrile	3.069	53	99892	106.860	ug/l	99
16) Acetone	2.380	43	86194	105.792	ug/l	91
17) Carbon Disulfide	2.514	76	65045	15.861	ug/l	100
18) Methyl Acetate	2.703	43	70877	20.679	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	113880	20.395	ug/l	98
20) Methylene Chloride	2.788	84	34964	19.296	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	31229	18.805	ug/l	96
22) Diisopropyl ether	3.764	45	105705	19.027	ug/l	90
23) Vinyl Acetate	3.721	43	414639	97.301	ug/l	96
24) 1,1-Dichloroethane	3.611	63	60729	19.497	ug/l	98
25) 2-Butanone	4.562	43	141044	106.699	ug/l	92
26) 2,2-Dichloropropane	4.477	77	50202	17.105	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	39374	19.962	ug/l	91
28) Bromochloromethane	4.897	49	31198	20.711	ug/l	90
29) Tetrahydrofuran	5.007	42	90035	105.645	ug/l	92
30) Chloroform	5.093	83	64333	20.188	ug/l	95
31) Cyclohexane	5.471	56	48128	17.704	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	57089	19.552	ug/l	98
36) 1,1-Dichloropropene	5.696	75	44240	18.400	ug/l	97
37) Ethyl Acetate	4.721	43	54019	19.850	ug/l	98
38) Carbon Tetrachloride	5.678	117	48914	19.136	ug/l	98
39) Methylcyclohexane	7.379	83	52072	17.417	ug/l	94
40) Benzene	6.037	78	132264	18.908	ug/l	100

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41) Methacrylonitrile	4.928	41	28964	19.900	ug/l	91
42) 1,2-Dichloroethane	6.086	62	50279	19.659	ug/l	96
43) Isopropyl Acetate	6.342	43	88324	18.855	ug/l	94
44) Trichloroethene	7.129	130	34841	19.055	ug/l	97
45) 1,2-Dichloropropane	7.434	63	35362	18.934	ug/l	97
46) Dibromomethane	7.580	93	25323	19.373	ug/l	96
47) Bromodichloromethane	7.824	83	51053	19.028	ug/l	97
48) Methyl methacrylate	7.696	41	40713	18.688	ug/l	89
49) 1,4-Dioxane	7.659	88	20891	474.693	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	273123	105.359	ug/l	95
52) Toluene	8.720	92	83757	19.109	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	53945	17.789	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	58574	18.305	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	36593	19.861	ug/l	96
56) Ethyl methacrylate	9.116	69	59889	19.961	ug/l	92
57) 1,3-Dichloropropane	9.311	76	61480	20.034	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	139273	94.211	ug/l	97
59) 2-Hexanone	9.427	43	208436	108.339	ug/l	94
60) Dibromochloromethane	9.525	129	39202	19.358	ug/l	100
61) 1,2-Dibromoethane	9.610	107	38180	19.994	ug/l	100
64) Tetrachloroethene	9.275	164	29258	18.523	ug/l	99
65) Chlorobenzene	10.079	112	91293	19.557	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36253	20.093	ug/l	99
67) Ethyl Benzene	10.195	91	162855	19.097	ug/l	99
68) m/p-Xylenes	10.299	106	123114	38.693	ug/l	98
69) o-Xylene	10.640	106	61690	19.424	ug/l	98
70) Styrene	10.653	104	102534	19.568	ug/l	98
71) Bromoform	10.799	173	27815	19.044	ug/l #	98
73) Isopropylbenzene	10.963	105	163106	18.875	ug/l	99
74) N-amyl acetate	10.842	43	73344	18.201	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	57637	19.748	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	53774m	21.896	ug/l	
77) Bromobenzene	11.195	156	38093	19.357	ug/l	94
78) n-propylbenzene	11.305	91	186054	18.617	ug/l	100
79) 2-Chlorotoluene	11.366	91	112600	18.594	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	136348	18.861	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17666	16.304	ug/l	88
82) 4-Chlorotoluene	11.457	91	129136	18.716	ug/l	99
83) tert-Butylbenzene	11.713	119	136259	19.187	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	137953	19.082	ug/l	98
85) sec-Butylbenzene	11.890	105	169547	19.144	ug/l	99
86) p-Isopropyltoluene	12.006	119	140968	19.344	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	70864	19.443	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	70939	19.612	ug/l	100
89) n-Butylbenzene	12.329	91	119409	18.304	ug/l	99
90) Hexachloroethane	12.536	117	26541	17.965	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	71226	20.251	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13063	19.261	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	42173	19.462	ug/l	98
94) Hexachlorobutadiene	13.725	225	16902	18.854	ug/l	99
95) Naphthalene	13.774	128	157771	20.893	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	44104	20.650	ug/l	98

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

