

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036958.D
 Acq On : 14 Aug 2023 12:33
 Operator : JC/MD
 Sample : VX0814MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814MBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 15 01:27:52 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233328	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97064	46.992	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.980%		
35) Dibromofluoromethane	5.385	113	79893	49.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.640%		
50) Toluene-d8	8.647	98	260130	45.739	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.480%#		
62) 4-Bromofluorobenzene	11.079	95	107602	50.147	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33968	18.420	ug/l	97
3) Chloromethane	1.301	50	26443	15.765	ug/l	95
4) Vinyl Chloride	1.374	62	30139	17.649	ug/l	97
5) Bromomethane	1.599	94	18994	18.630	ug/l	98
6) Chloroethane	1.685	64	19620	23.631	ug/l	95
7) Trichlorofluoromethane	1.886	101	55553	21.065	ug/l	99
8) Diethyl Ether	2.136	74	20424	20.018	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	31580	19.932	ug/l	98
10) Methyl Iodide	2.453	142	34235	20.803	ug/l	96
11) Tert butyl alcohol	2.953	59	45931	93.927	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	28939	18.513	ug/l	88
13) Acrolein	2.233	56	25676	92.004	ug/l	97
14) Allyl chloride	2.666	41	48909	15.890	ug/l #	95
15) Acrylonitrile	3.062	53	90859	92.392	ug/l	98
16) Acetone	2.380	43	81825	95.465	ug/l	93
17) Carbon Disulfide	2.508	76	69990	16.223	ug/l	99
18) Methyl Acetate	2.703	43	64874	17.992	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	115258	19.622	ug/l	96
20) Methylene Chloride	2.788	84	34355	18.023	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	32037	18.338	ug/l	88
22) Diisopropyl ether	3.764	45	100109	17.129	ug/l #	83
23) Vinyl Acetate	3.721	43	393227	87.714	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	59589	18.186	ug/l	98
25) 2-Butanone	4.556	43	126470	90.944	ug/l	91
26) 2,2-Dichloropropane	4.471	77	58205	18.852	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	40160	19.354	ug/l	90
28) Bromochloromethane	4.897	49	27506	17.357	ug/l #	81
29) Tetrahydrofuran	5.001	42	78903	88.006	ug/l #	87
30) Chloroform	5.093	83	66053	19.704	ug/l	98
31) Cyclohexane	5.471	56	47698	16.678	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	60065	19.554	ug/l	98
36) 1,1-Dichloropropene	5.690	75	46022	19.253	ug/l	98
37) Ethyl Acetate	4.708	43	48618	17.970	ug/l #	95
38) Carbon Tetrachloride	5.672	117	51401	20.226	ug/l	96
39) Methylcyclohexane	7.379	83	50029	16.831	ug/l	92
40) Benzene	6.038	78	133325	19.170	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26142	18.066	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	54311	21.359	ug/l	96
43) Isopropyl Acetate	6.336	43	82515	17.717	ug/l #	94
44) Trichloroethene	7.123	130	37196	20.461	ug/l	97
45) 1,2-Dichloropropane	7.428	63	34741	18.710	ug/l	96
46) Dibromomethane	7.580	93	26472	20.370	ug/l	95
47) Bromodichloromethane	7.818	83	52990	19.865	ug/l	98
48) Methyl methacrylate	7.690	41	39292	18.141	ug/l #	88
49) 1,4-Dioxane	7.659	88	18850	430.810	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	248892	96.570	ug/l	93
52) Toluene	8.720	92	86512	19.852	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	57708	19.141	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	60432	18.995	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	37374	20.403	ug/l	97
56) Ethyl methacrylate	9.116	69	58617	19.651	ug/l	92
57) 1,3-Dichloropropane	9.305	76	63084	20.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	136626	92.959	ug/l	95
59) 2-Hexanone	9.427	43	188587	98.593	ug/l	93
60) Dibromochloromethane	9.519	129	40587	20.159	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40180	21.164	ug/l	100
64) Tetrachloroethene	9.275	164	33815	21.317	ug/l	97
65) Chlorobenzene	10.079	112	94118	20.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37050	20.448	ug/l	99
67) Ethyl Benzene	10.195	91	168458	19.671	ug/l	99
68) m/p-Xylenes	10.299	106	128663	40.267	ug/l	99
69) o-Xylene	10.640	106	63267	19.836	ug/l	99
70) Styrene	10.653	104	105945	20.133	ug/l	97
71) Bromoform	10.799	173	28578	19.484	ug/l #	99
73) Isopropylbenzene	10.963	105	163041	18.658	ug/l	98
74) N-amyl acetate	10.842	43	67676	16.608	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	56307	19.078	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48505m	19.530	ug/l	
77) Bromobenzene	11.195	156	39629	19.913	ug/l	94
78) n-propylbenzene	11.305	91	184902	18.296	ug/l	99
79) 2-Chlorotoluene	11.366	91	115797	18.909	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	137556	18.816	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17618	16.078	ug/l	90
82) 4-Chlorotoluene	11.451	91	134247	19.239	ug/l	100
83) tert-Butylbenzene	11.713	119	130527	18.175	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	136756	18.705	ug/l	98
85) sec-Butylbenzene	11.890	105	157506	17.586	ug/l	99
86) p-Isopropyltoluene	12.006	119	133826	18.159	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	72603	19.698	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	73398	20.066	ug/l	99
89) n-Butylbenzene	12.329	91	111521	16.904	ug/l	99
90) Hexachloroethane	12.536	117	23297	15.593	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	70648	19.863	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12824	18.698	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	40899	18.664	ug/l	97
94) Hexachlorobutadiene	13.725	225	16986	18.736	ug/l	98
95) Naphthalene	13.774	128	150018	19.645	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	40603	18.799	ug/l	97

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

