

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX037002.D
 Acq On : 15 Aug 2023 20:56
 Operator : JC/MD
 Sample : VX0815MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2023
 Supervised By : Semsettin Yesilyurt 08/16/2023

Quant Time: Aug 16 05:38:06 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	135181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96574	48.282	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.560%		
35) Dibromofluoromethane	5.385	113	81467	50.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.560%		
50) Toluene-d8	8.647	98	259138	45.100	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.200%#		
62) 4-Bromofluorobenzene	11.079	95	110125	50.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33112	18.542	ug/l	98
3) Chloromethane	1.300	50	27172	16.729	ug/l	99
4) Vinyl Chloride	1.374	62	30245	18.289	ug/l	96
5) Bromomethane	1.599	94	16835	17.052	ug/l	95
6) Chloroethane	1.685	64	19456	24.199	ug/l	98
7) Trichlorofluoromethane	1.886	101	53652	21.009	ug/l	98
8) Diethyl Ether	2.136	74	20542	20.791	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	30278	19.734	ug/l	97
10) Methyl Iodide	2.453	142	35355	22.186	ug/l	97
11) Tert butyl alcohol	2.965	59	48567	102.562	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	29056	19.195	ug/l	88
13) Acrolein	2.239	56	22755	84.201	ug/l	100
14) Allyl chloride	2.666	41	46172	15.490	ug/l #	94
15) Acrylonitrile	3.062	53	92150	96.766	ug/l	100
16) Acetone	2.380	43	80275	96.716	ug/l	90
17) Carbon Disulfide	2.514	76	63986	15.316	ug/l	96
18) Methyl Acetate	2.703	43	65839	18.856	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	118410	20.817	ug/l	95
20) Methylene Chloride	2.788	84	34442	18.659	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	33297	19.682	ug/l	87
22) Diisopropyl ether	3.763	45	100279	17.719	ug/l #	86
23) Vinyl Acetate	3.721	43	382401	88.086	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	60724	19.137	ug/l	96
25) 2-Butanone	4.556	43	127128	94.404	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	45754	15.303	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	40673	20.242	ug/l	89
28) Bromochloromethane	4.897	49	28250	18.409	ug/l #	80
29) Tetrahydrofuran	5.007	42	79585	91.666	ug/l #	84
30) Chloroform	5.092	83	67576	20.816	ug/l	99
31) Cyclohexane	5.470	56	45146	16.301	ug/l #	86
32) 1,1,1-Trichloroethane	5.379	97	60137	20.217	ug/l	97
36) 1,1-Dichloropropene	5.696	75	45643	18.900	ug/l	98
37) Ethyl Acetate	4.715	43	49123	17.971	ug/l #	94
38) Carbon Tetrachloride	5.678	117	50111	19.517	ug/l	98
39) Methylcyclohexane	7.379	83	45735	15.230	ug/l	90
40) Benzene	6.037	78	136702	19.456	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26380	18.044	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	53722	20.912	ug/l	97
43) Isopropyl Acetate	6.342	43	81767	17.378	ug/l #	93
44) Trichloroethene	7.123	130	37741	20.549	ug/l	96
45) 1,2-Dichloropropane	7.434	63	34962	18.637	ug/l	97
46) Dibromomethane	7.580	93	26161	19.926	ug/l	93
47) Bromodichloromethane	7.824	83	50965	18.911	ug/l	94
48) Methyl methacrylate	7.696	41	38826	17.743	ug/l #	87
49) 1,4-Dioxane	7.659	88	19684	445.286	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	249963	95.998	ug/l	93
52) Toluene	8.720	92	88035	19.996	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	53670	17.620	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	56778	17.665	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	37349	20.181	ug/l	99
56) Ethyl methacrylate	9.116	69	58519	19.418	ug/l	91
57) 1,3-Dichloropropane	9.311	76	63176	20.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	138804	93.478	ug/l	92
59) 2-Hexanone	9.427	43	190399	98.526	ug/l	92
60) Dibromochloromethane	9.519	129	39117	19.231	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40032	20.871	ug/l	100
64) Tetrachloroethene	9.275	164	32509	20.378	ug/l	98
65) Chlorobenzene	10.079	112	97368	20.653	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36522	20.043	ug/l	99
67) Ethyl Benzene	10.195	91	178352	20.709	ug/l	100
68) m/p-Xylenes	10.299	106	131572	40.945	ug/l	99
69) o-Xylene	10.640	106	65224	20.335	ug/l	99
70) Styrene	10.652	104	106953	20.210	ug/l	98
71) Bromoform	10.799	173	26964	18.280	ug/l #	98
73) Isopropylbenzene	10.963	105	165673	18.153	ug/l	99
74) N-amyl acetate	10.841	43	68772	16.159	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	56354	18.282	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47567m	18.339	ug/l	
77) Bromobenzene	11.195	156	41243	19.844	ug/l	93
78) n-propylbenzene	11.305	91	186349	17.656	ug/l	99
79) 2-Chlorotoluene	11.366	91	117989	18.448	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	140128	18.354	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15195	13.278	ug/l	94
82) 4-Chlorotoluene	11.451	91	136358	18.712	ug/l	99
83) tert-Butylbenzene	11.713	119	130540	17.404	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	143421	18.784	ug/l	97
85) sec-Butylbenzene	11.890	105	155774	16.654	ug/l	99
86) p-Isopropyltoluene	12.006	119	134445	17.468	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	74697	19.405	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	77626	20.320	ug/l	99
89) n-Butylbenzene	12.329	91	113732	16.507	ug/l	98
90) Hexachloroethane	12.536	117	21978	14.085	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	74663	20.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13065	18.240	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	44025	19.237	ug/l	96
94) Hexachlorobutadiene	13.725	225	15959	16.856	ug/l	98
95) Naphthalene	13.774	128	386323	48.440	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	44159	19.577	ug/l	99

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

