

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090123\
 Data File : VX037458.D
 Acq On : 01 Sep 2023 12:31
 Operator : JC/MD
 Sample : VX0901MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/01/2023
 Supervised By : Semsettin Yesilyurt 09/04/2023

Quant Time: Sep 01 13:54:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92430	51.755	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.500%	
35) Dibromofluoromethane	5.379	113	79226	54.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.300%	
50) Toluene-d8	8.647	98	269622	51.271	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	11.079	95	108711	52.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25644	17.821	ug/l	97
3) Chloromethane	1.294	50	24937	19.808	ug/l	99
4) Vinyl Chloride	1.374	62	25622	18.698	ug/l	100
5) Bromomethane	1.618	94	18292	26.799	ug/l	96
6) Chloroethane	1.685	64	15242	18.902	ug/l	99
7) Trichlorofluoromethane	1.886	101	42365	18.873	ug/l	97
8) Diethyl Ether	2.136	74	18248	21.012	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	24337	18.585	ug/l	96
10) Methyl Iodide	2.453	142	31691	19.912	ug/l	94
11) Tert butyl alcohol	2.983	59	32637m	77.904	ug/l	
12) 1,1-Dichloroethene	2.319	96	22377	17.548	ug/l	88
13) Acrolein	2.239	56	23178	72.726	ug/l	98
14) Allyl chloride	2.666	41	35531	18.001	ug/l #	91
15) Acrylonitrile	3.062	53	71965	96.242	ug/l	98
16) Acetone	2.386	43	59380	84.990	ug/l #	87
17) Carbon Disulfide	2.514	76	48362	14.910	ug/l	97
18) Methyl Acetate	2.703	43	48317	18.367	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	95697	19.787	ug/l	98
20) Methylene Chloride	2.788	84	31311	20.040	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	26192	18.068	ug/l	84
22) Diisopropyl ether	3.757	45	81332	20.081	ug/l #	89
23) Vinyl Acetate	3.721	43	292063	94.099	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	48397	19.055	ug/l	98
25) 2-Butanone	4.562	43	91491	86.970	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	36534	16.106	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	32992	19.305	ug/l	88
28) Bromochloromethane	4.891	49	23536	20.744	ug/l #	73
29) Tetrahydrofuran	5.007	42	57712	86.024	ug/l #	82
30) Chloroform	5.093	83	55890	19.602	ug/l	100
31) Cyclohexane	5.471	56	35791	17.823	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	45593	17.845	ug/l	95
36) 1,1-Dichloropropene	5.690	75	35230	17.105	ug/l	97
37) Ethyl Acetate	4.708	43	37443	17.796	ug/l #	93
38) Carbon Tetrachloride	5.678	117	37983	16.977	ug/l	98
39) Methylcyclohexane	7.379	83	41385	19.124	ug/l	91
40) Benzene	6.037	78	113527	19.219	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19521	17.848	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	43446	18.755	ug/l	95
43) Isopropyl Acetate	6.336	43	58769	17.594	ug/l #	91
44) Trichloroethene	7.123	130	31169	18.608	ug/l	93
45) 1,2-Dichloropropane	7.427	63	29177	20.032	ug/l	99
46) Dibromomethane	7.580	93	21909	19.094	ug/l	93
47) Bromodichloromethane	7.824	83	40570	18.460	ug/l	100
48) Methyl methacrylate	7.696	41	28281	17.361	ug/l #	83
49) 1,4-Dioxane	7.696	88	14405	328.342	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	184777	91.098	ug/l	90
52) Toluene	8.720	92	74235	19.020	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	40358	17.246	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	45896	18.149	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	32268	20.303	ug/l	98
56) Ethyl methacrylate	9.116	69	47514	19.087	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	53651	20.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	121042	101.321	ug/l	92
59) 2-Hexanone	9.427	43	136226	88.083	ug/l	87
60) Dibromochloromethane	9.519	129	31704	18.736	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33670	19.350	ug/l	99
64) Tetrachloroethene	9.275	164	23968	16.436	ug/l	99
65) Chlorobenzene	10.079	112	80770	19.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	29774	19.095	ug/l	99
67) Ethyl Benzene	10.195	91	137421	18.485	ug/l	99
68) m/p-Xylenes	10.299	106	107324	37.384	ug/l	98
69) o-Xylene	10.640	106	54949	19.400	ug/l	96
70) Styrene	10.653	104	87748	18.807	ug/l	97
71) Bromoform	10.799	173	20760	17.799	ug/l #	98
73) Isopropylbenzene	10.963	105	135031	18.625	ug/l	98
74) N-amyl acetate	10.842	43	48821	17.331	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	48003	19.661	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40099m	18.877	ug/l	
77) Bromobenzene	11.195	156	34436	19.449	ug/l	90
78) n-propylbenzene	11.305	91	148413	18.384	ug/l	98
79) 2-Chlorotoluene	11.366	91	97547	18.908	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	116851	19.322	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11320	14.884	ug/l	94
82) 4-Chlorotoluene	11.451	91	109168	18.332	ug/l	97
83) tert-Butylbenzene	11.713	119	113828	19.736	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	118233	19.344	ug/l	98
85) sec-Butylbenzene	11.890	105	135690	20.141	ug/l	99
86) p-Isopropyltoluene	12.006	119	114846	19.803	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	61233	18.472	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	62157	18.149	ug/l	100
89) n-Butylbenzene	12.329	91	89096	18.530	ug/l	99
90) Hexachloroethane	12.536	117	18565	19.179	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	63729	19.633	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9975	17.583	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	35994	18.951	ug/l	97
94) Hexachlorobutadiene	13.725	225	14713	20.051	ug/l	98
95) Naphthalene	13.774	128	129683	15.587	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37307	19.770	ug/l	99

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

