

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037074.D
 Acq On : 18 Aug 2023 11:07
 Operator : JC/MD
 Sample : VX0818MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0818MBS01

Quant Time: Aug 19 05:14:07 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	168522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	286505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123656	50.897	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.800%			
35) Dibromofluoromethane	5.385	113	98639	51.985	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	8.647	98	354609	51.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.040%			
62) 4-Bromofluorobenzene	11.079	95	137393	50.795	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	39697	20.279	ug/l	96
3) Chloromethane	1.301	50	31034	18.121	ug/l	97
4) Vinyl Chloride	1.374	62	35194	18.879	ug/l	99
5) Bromomethane	1.599	94	20103	21.650	ug/l	99
6) Chloroethane	1.685	64	22298	20.327	ug/l	100
7) Trichlorofluoromethane	1.886	101	61872	20.262	ug/l	99
8) Diethyl Ether	2.136	74	22398	18.959	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	34955	19.622	ug/l	98
10) Methyl Iodide	2.453	142	39432	18.212	ug/l	96
11) Tert butyl alcohol	2.959	59	50757	89.061	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	32384	18.668	ug/l	85
13) Acrolein	2.233	56	39764	91.715	ug/l	100
14) Allyl chloride	2.666	41	51219	19.075	ug/l #	94
15) Acrylonitrile	3.063	53	97136	95.491	ug/l	99
16) Acetone	2.380	43	87156	91.699	ug/l	92
17) Carbon Disulfide	2.514	76	82300	18.651	ug/l	100
18) Methyl Acetate	2.703	43	67677	18.911	ug/l #	91
19) Methyl tert-butyl Ether	3.117	73	124726	18.957	ug/l	97
20) Methylene Chloride	2.788	84	36470	17.158	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	36430	18.473	ug/l	88
22) Diisopropyl ether	3.758	45	104503	18.966	ug/l	95
23) Vinyl Acetate	3.721	43	407381	96.482	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	64141	18.563	ug/l	97
25) 2-Butanone	4.556	43	133727	93.443	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	58148	18.844	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	44139	18.986	ug/l	88
28) Bromochloromethane	4.898	49	32698	21.184	ug/l #	80
29) Tetrahydrofuran	5.007	42	83983	92.020	ug/l #	85
30) Chloroform	5.093	83	71191	18.354	ug/l	95
31) Cyclohexane	5.465	56	52938	19.378	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	65512	18.848	ug/l	97
36) 1,1-Dichloropropene	5.696	75	51029	18.929	ug/l	98
37) Ethyl Acetate	4.715	43	51984	18.878	ug/l #	95
38) Carbon Tetrachloride	5.678	117	56017	19.129	ug/l	95
39) Methylcyclohexane	7.379	83	56431	19.924	ug/l	91
40) Benzene	6.038	78	145147	18.774	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27967	19.536	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	58553	19.312	ug/l	97
43) Isopropyl Acetate	6.336	43	84828	19.403	ug/l #	92
44) Trichloroethene	7.129	130	41355	18.864	ug/l	95
45) 1,2-Dichloropropane	7.428	63	36428	19.109	ug/l	99
46) Dibromomethane	7.580	93	29073	19.359	ug/l	96
47) Bromodichloromethane	7.824	83	55530	19.305	ug/l	97
48) Methyl methacrylate	7.690	41	41386	19.411	ug/l #	88
49) 1,4-Dioxane	7.659	88	21160	368.508	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	258712	97.453	ug/l	91
52) Toluene	8.720	92	96692	18.928	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	59489	19.423	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	63215	19.100	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	39829	19.148	ug/l	98
56) Ethyl methacrylate	9.116	69	62389	19.149	ug/l	89
57) 1,3-Dichloropropane	9.305	76	67070	19.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	135717	86.799	ug/l	93
59) 2-Hexanone	9.427	43	197021	97.334	ug/l	91
60) Dibromochloromethane	9.519	129	43166	19.491	ug/l	98
61) 1,2-Dibromoethane	9.610	107	43537	19.117	ug/l	99
64) Tetrachloroethene	9.275	164	35702	18.849	ug/l	99
65) Chlorobenzene	10.080	112	102658	18.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	39128	19.319	ug/l	99
67) Ethyl Benzene	10.195	91	185510	19.212	ug/l	100
68) m/p-Xylenes	10.299	106	141683	37.996	ug/l	99
69) o-Xylene	10.640	106	69996	19.026	ug/l	100
70) Styrene	10.653	104	115394	19.041	ug/l	98
71) Bromoform	10.799	173	29314	19.350	ug/l #	98
73) Isopropylbenzene	10.964	105	180977	19.817	ug/l	98
74) N-amyl acetate	10.842	43	70320	19.817	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	59945	19.491	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	50917m	19.029	ug/l	
77) Bromobenzene	11.195	156	43579	19.539	ug/l	93
78) n-propylbenzene	11.305	91	202393	19.903	ug/l	99
79) 2-Chlorotoluene	11.366	91	128047	19.705	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	151418	19.877	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17752	18.530	ug/l	90
82) 4-Chlorotoluene	11.451	91	146799	19.570	ug/l	99
83) tert-Butylbenzene	11.713	119	144061	19.829	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	152740	19.839	ug/l	98
85) sec-Butylbenzene	11.890	105	172237	20.297	ug/l	99
86) p-Isopropyltoluene	12.006	119	147570	20.201	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	79287	18.988	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	80536	18.668	ug/l	100
89) n-Butylbenzene	12.329	91	121287	20.026	ug/l	99
90) Hexachloroethane	12.536	117	24654	20.220	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	78068	19.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13340	18.667	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	44878	18.758	ug/l	97
94) Hexachlorobutadiene	13.725	225	17860	19.323	ug/l	97
95) Naphthalene	13.774	128	168555	16.083	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45161	18.999	ug/l	99

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

