

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036871.D
 Acq On : 08 Aug 2023 18:03
 Operator : JC/MD
 Sample : VX0808MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808MBS01

Quant Time: Aug 09 04:18:22 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

08/09/2023

Supervised By :Semsettin
 Yesilyurt

08/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	64575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75271	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	84247	88.172	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 176.340%#	
35) Dibromofluoromethane	5.385	113	62665	61.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 122.500%	
50) Toluene-d8	8.647	98	176440	48.631	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	11.079	95	81246	59.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.700%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	12122	14.210	ug/l	99
3) Chloromethane	1.300	50	17673	22.778	ug/l	96
4) Vinyl Chloride	1.374	62	14268	18.062	ug/l	99
5) Bromomethane	1.599	94	10186	21.598	ug/l	97
6) Chloroethane	1.678	64	11149	29.029	ug/l	98
7) Trichlorofluoromethane	1.880	101	21156	17.342	ug/l	93
8) Diethyl Ether	2.136	74	16832	35.664	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	11159	15.226	ug/l	98
10) Methyl Iodide	2.453	142	22945	30.141	ug/l	95
11) Tert butyl alcohol	2.965	59	51521	227.763	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	13591	18.796	ug/l	82
13) Acrolein	2.239	56	27971	216.670	ug/l	100
14) Allyl chloride	2.660	41	33478	23.512	ug/l	93
15) Acrylonitrile	3.068	53	88409	194.345	ug/l	99
16) Acetone	2.380	43	80159	202.172	ug/l	93
17) Carbon Disulfide	2.508	76	34035	17.055	ug/l	100
18) Methyl Acetate	2.703	43	63258	37.926	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	100595	37.021	ug/l	99
20) Methylene Chloride	2.788	84	28068	31.831	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	18950	23.449	ug/l	91
22) Diisopropyl ether	3.763	45	79741	29.496	ug/l #	92
23) Vinyl Acetate	3.721	43	351960	169.720	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	40818	26.929	ug/l	97
25) 2-Butanone	4.562	43	126811	197.132	ug/l	91
26) 2,2-Dichloropropane	4.483	77	23612	16.532	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	28679	29.878	ug/l	88
28) Bromochloromethane	4.903	49	24617	33.581	ug/l	84
29) Tetrahydrofuran	5.007	42	80348	193.733	ug/l	88
30) Chloroform	5.099	83	47746	30.789	ug/l	99
31) Cyclohexane	5.470	56	17914	13.541	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	30392	21.389	ug/l	97
36) 1,1-Dichloropropene	5.690	75	20901	13.706	ug/l	97
37) Ethyl Acetate	4.714	43	48364	28.021	ug/l	96
38) Carbon Tetrachloride	5.678	117	22315	13.764	ug/l	97
39) Methylcyclohexane	7.379	83	18126	9.559	ug/l	95
40) Benzene	6.043	78	92034	20.744	ug/l	97

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Supervised By :Semsettin
 Yesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24603	26.652	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	45522	28.063	ug/l	96
43) Isopropyl Acetate	6.342	43	75433	25.389	ug/l #	93
44) Trichloroethene	7.129	130	21100	18.194	ug/l	98
45) 1,2-Dichloropropane	7.433	63	26780	22.608	ug/l	98
46) Dibromomethane	7.580	93	23291	28.094	ug/l	95
47) Bromodichloromethane	7.824	83	41155	24.185	ug/l	96
48) Methyl methacrylate	7.696	41	36725	26.579	ug/l #	88
49) 1,4-Dioxane	7.659	88	19941	714.406	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	240411	146.221	ug/l	94
52) Toluene	8.720	92	56567	20.348	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	44890	23.340	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	46499	22.911	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	32049	27.426	ug/l	97
56) Ethyl methacrylate	9.116	69	52896	27.798	ug/l	92
57) 1,3-Dichloropropane	9.311	76	53436	27.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	122870	131.047	ug/l	94
59) 2-Hexanone	9.433	43	185603	152.104	ug/l	93
60) Dibromochloromethane	9.525	129	32926	25.635	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34886	28.805	ug/l	100
64) Tetrachloroethene	9.275	164	16953	14.813	ug/l	99
65) Chlorobenzene	10.079	112	67851	20.061	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	27883	21.329	ug/l	99
67) Ethyl Benzene	10.195	91	125190	20.261	ug/l	99
68) m/p-Xylenes	10.299	106	104620	45.380	ug/l	100
69) o-Xylene	10.640	106	44051	19.143	ug/l	99
70) Styrene	10.659	104	76388	20.120	ug/l	98
71) Bromoform	10.799	173	23810	22.499	ug/l #	100
73) Isopropylbenzene	10.963	105	88099	14.143	ug/l	97
74) N-amyl acetate	10.841	43	61106	21.036	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	49984	23.757	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42200m	23.836	ug/l	
77) Bromobenzene	11.201	156	29818	21.019	ug/l	95
78) n-propylbenzene	11.305	91	111322	15.452	ug/l	99
79) 2-Chlorotoluene	11.366	91	83837	19.204	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	103727	19.904	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14399	18.434	ug/l	90
82) 4-Chlorotoluene	11.457	91	88290	17.750	ug/l	99
83) tert-Butylbenzene	11.713	119	69266	13.530	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	189394	36.340	ug/l	96
85) sec-Butylbenzene	11.890	105	70482	11.039	ug/l	99
86) p-Isopropyltoluene	12.006	119	61830	11.769	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	49070	18.676	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	52379	20.087	ug/l	100
89) n-Butylbenzene	12.335	91	53029	11.276	ug/l	90
90) Hexachloroethane	12.536	117	13377	12.560	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	53259	21.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12013	24.571	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	27941	17.887	ug/l	98
94) Hexachlorobutadiene	13.725	225	5844	9.043	ug/l	98
95) Naphthalene	13.774	128	163637	30.060	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30065	19.527	ug/l	98

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

