

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040146.D
 Acq On : 07 Feb 2024 11:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 15:22:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

02/07/2024
 Supervised By :Semsettin
 Yesilyurt

02/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75180	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	66707	44.639	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.280%
35) Dibromofluoromethane	5.379	113	50683	50.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	8.647	98	183426	48.887	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.780%
62) 4-Bromofluorobenzene	11.079	95	79587	55.088	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.180%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	64451	61.626	ug/l	98
3) Chloromethane	1.294	50	54102	54.547	ug/l	99
4) Vinyl Chloride	1.374	62	44989	49.045	ug/l	100
5) Bromomethane	1.593	94	44946	50.403	ug/l	96
6) Chloroethane	1.679	64	26754	44.179	ug/l	95
7) Trichlorofluoromethane	1.886	101	54445	37.305	ug/l	97
8) Diethyl Ether	2.130	74	25828	50.056	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	50992	46.827	ug/l	99
10) Methyl Iodide	2.447	142	70252	60.604	ug/l	93
11) Tert butyl alcohol	2.959	59	77328	285.184	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	50491	48.346	ug/l	86
13) Acrolein	2.233	56	52917	203.693	ug/l	99
14) Allyl chloride	2.660	41	99790	53.009	ug/l	97
15) Acrylonitrile	3.056	53	192644	283.622	ug/l	99
16) Acetone	2.374	43	170269	243.178	ug/l	91
17) Carbon Disulfide	2.508	76	145386	47.613	ug/l	99
18) Methyl Acetate	2.697	43	78567	47.365	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	206044	57.594	ug/l	99
20) Methylene Chloride	2.788	84	65926	52.982	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	60767	52.834	ug/l	95
22) Diisopropyl ether	3.751	45	198672	54.483	ug/l	89
23) Vinyl Acetate	3.715	43	966576	296.183	ug/l	98
24) 1,1-Dichloroethane	3.605	63	107782	51.608	ug/l	97
25) 2-Butanone	4.550	43	247125	253.898	ug/l	96
26) 2,2-Dichloropropane	4.465	77	80043	49.119	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	66195	51.580	ug/l	96
28) Bromochloromethane	4.891	49	51868	53.260	ug/l	96
29) Tetrahydrofuran	4.995	42	165735	267.802	ug/l	96
30) Chloroform	5.086	83	114818	51.199	ug/l	100
31) Cyclohexane	5.471	56	80389	42.945	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	85841	44.602	ug/l	99
36) 1,1-Dichloropropene	5.690	75	77093	53.131	ug/l	97
37) Ethyl Acetate	4.708	43	98378	62.082	ug/l	99
38) Carbon Tetrachloride	5.672	117	74273	53.497	ug/l	98
39) Methylcyclohexane	7.379	83	80563	45.634	ug/l	94
40) Benzene	6.031	78	235606	55.750	ug/l	99

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 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52823	65.730	ug/l	94
42) 1,2-Dichloroethane	6.080	62	91323	56.135	ug/l	98
43) Isopropyl Acetate	6.336	43	154652	61.887	ug/l	99
44) Trichloroethene	7.123	130	53446	48.057	ug/l	97
45) 1,2-Dichloropropane	7.428	63	57887	51.878	ug/l	95
46) Dibromomethane	7.580	93	43258	51.649	ug/l	97
47) Bromodichloromethane	7.818	83	81305	54.506	ug/l	97
48) Methyl methacrylate	7.690	41	72740	59.090	ug/l	93
49) 1,4-Dioxane	7.659	88	30205	1129.144	ug/l #	91
51) 4-Methyl-2-Pentanone	8.568	43	505554	296.362	ug/l	99
52) Toluene	8.714	92	147088	55.840	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	89879	58.095	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	95456	57.823	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	60966	55.916	ug/l	96
56) Ethyl methacrylate	9.116	69	95996	60.293	ug/l	96
57) 1,3-Dichloropropane	9.305	76	104424	58.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	230192	287.509	ug/l	99
59) 2-Hexanone	9.427	43	413399	303.943	ug/l	99
60) Dibromochloromethane	9.519	129	68060	62.123	ug/l	99
61) 1,2-Dibromoethane	9.610	107	70884	60.134	ug/l	100
64) Tetrachloroethene	9.275	164	46828	45.615	ug/l	98
65) Chlorobenzene	10.079	112	155326	47.630	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58996	53.569	ug/l	98
67) Ethyl Benzene	10.189	91	298242	50.972	ug/l	99
68) m/p-Xylenes	10.299	106	228656	103.876	ug/l	100
69) o-Xylene	10.640	106	107133	51.309	ug/l	98
70) Styrene	10.653	104	188527	53.572	ug/l	98
71) Bromoform	10.799	173	47517	52.937	ug/l #	100
73) Isopropylbenzene	10.963	105	268611	49.757	ug/l	98
74) N-amyl acetate	10.842	43	153386	59.055	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	99475	49.010	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	83505m	52.159	ug/l	
77) Bromobenzene	11.195	156	66145	53.116	ug/l	99
78) n-propylbenzene	11.305	91	343792	51.750	ug/l	99
79) 2-Chlorotoluene	11.366	91	206274	51.577	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	249465	53.756	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	29250	56.584	ug/l	95
82) 4-Chlorotoluene	11.451	91	246531	53.707	ug/l	98
83) tert-Butylbenzene	11.713	119	235163	52.956	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	255547	55.185	ug/l	98
85) sec-Butylbenzene	11.890	105	291118	49.482	ug/l	100
86) p-Isopropyltoluene	12.006	119	243211	50.624	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	136975	54.524	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	127166	49.450	ug/l	99
89) n-Butylbenzene	12.329	91	214372	45.972	ug/l	97
90) Hexachloroethane	12.536	117	38086	48.636	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	121186	50.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25625	55.697	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	83903	55.412	ug/l	96
94) Hexachlorobutadiene	13.725	225	28128	47.159	ug/l	98
95) Naphthalene	13.774	128	297412	57.831	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	80523	53.786	ug/l	98

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

02/08/2024

