

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041761.D
 Acq On : 05 Jun 2024 19:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 06 02:25:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

06/06/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	178715	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	263175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133954	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	109210	49.825	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.640%
35) Dibromofluoromethane	5.385	113	88251	48.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	8.647	98	315378	49.605	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	119200	50.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	76639	48.804	ug/l	100
3) Chloromethane	1.300	50	78956	46.082	ug/l	99
4) Vinyl Chloride	1.374	62	84038	47.646	ug/l	96
5) Bromomethane	1.599	94	54743	44.565	ug/l	97
6) Chloroethane	1.666	64	48998	45.961	ug/l	100
7) Trichlorofluoromethane	1.867	101	128393	44.577	ug/l	98
8) Diethyl Ether	2.136	74	52990	47.736	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.312	101	78356	48.011	ug/l	89
10) Methyl Iodide	2.440	142	101623	49.934	ug/l	92
11) Tert butyl alcohol	3.001	59	103692	267.424	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	77704	48.776	ug/l	90
13) Acrolein	2.239	56	84436	233.879	ug/l	98
14) Allyl chloride	2.660	41	129516	49.418	ug/l	98
15) Acrylonitrile	3.074	53	253397	266.478	ug/l	99
16) Acetone	2.392	43	225932	238.317	ug/l	98
17) Carbon Disulfide	2.501	76	158304	44.920	ug/l	99
18) Methyl Acetate	2.709	43	117320	56.056	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	269283	50.522	ug/l	98
20) Methylene Chloride	2.788	84	89830	45.796	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	78943	47.761	ug/l	90
22) Diisopropyl ether	3.769	45	271514	50.693	ug/l	86
23) Vinyl Acetate	3.727	43	1252820	260.364	ug/l	96
24) 1,1-Dichloroethane	3.605	63	150615	49.730	ug/l	98
25) 2-Butanone	4.568	43	368470	270.481	ug/l	98
26) 2,2-Dichloropropane	4.477	77	104737	42.150	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	98822	50.016	ug/l	91
28) Bromochloromethane	4.897	49	63679	48.817	ug/l	# 82
29) Tetrahydrofuran	5.013	42	237273	276.180	ug/l	97
30) Chloroform	5.092	83	160363	50.432	ug/l	98
31) Cyclohexane	5.464	56	123573	47.752	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	139905	50.207	ug/l	98
36) 1,1-Dichloropropene	5.690	75	104269	47.325	ug/l	96
37) Ethyl Acetate	4.721	43	140180	50.415	ug/l	100
38) Carbon Tetrachloride	5.672	117	119369	47.687	ug/l	97
39) Methylcyclohexane	7.379	83	129347	47.786	ug/l	95
40) Benzene	6.037	78	333734	48.461	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	77582	57.052	ug/l	98
42) 1,2-Dichloroethane	6.086	62	125549	48.835	ug/l	97
43) Isopropyl Acetate	6.348	43	214292	51.046	ug/l	99
44) Trichloroethene	7.123	130	90729	48.441	ug/l	90
45) 1,2-Dichloropropane	7.433	63	82428	50.341	ug/l	98
46) Dibromomethane	7.580	93	62631	49.871	ug/l #	80
47) Bromodichloromethane	7.824	83	118315	50.880	ug/l	99
48) Methyl methacrylate	7.696	41	107408	53.277	ug/l	95
49) 1,4-Dioxane	7.665	88	50196	1139.556	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	740556	272.041	ug/l	99
52) Toluene	8.720	92	217833	49.842	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	116458	50.878	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	127793	50.468	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	88255	50.095	ug/l	96
56) Ethyl methacrylate	9.116	69	146889	54.625	ug/l	99
57) 1,3-Dichloropropane	9.311	76	145422	49.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	335908	265.332	ug/l	95
59) 2-Hexanone	9.433	43	582802	280.810	ug/l	98
60) Dibromochloromethane	9.525	129	101741	52.058	ug/l	98
61) 1,2-Dibromoethane	9.610	107	94552	50.850	ug/l	100
64) Tetrachloroethene	9.275	164	87575	48.275	ug/l	90
65) Chlorobenzene	10.079	112	253541	48.809	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	90704	50.321	ug/l	99
67) Ethyl Benzene	10.195	91	420711	50.820	ug/l	98
68) m/p-Xylenes	10.299	106	333258	101.192	ug/l	94
69) o-Xylene	10.640	106	164507	50.212	ug/l	95
70) Styrene	10.652	104	281458	52.013	ug/l	96
71) Bromoform	10.799	173	81202	51.728	ug/l #	99
73) Isopropylbenzene	10.963	105	428132	51.525	ug/l	97
74) N-amyl acetate	10.841	43	199848	54.295	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	146720	49.755	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118038m	50.504	ug/l	
77) Bromobenzene	11.201	156	121107	49.377	ug/l	81
78) n-propylbenzene	11.305	91	470235	51.538	ug/l	97
79) 2-Chlorotoluene	11.366	91	291068	49.633	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	354641	51.118	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	41826	48.774	ug/l	98
82) 4-Chlorotoluene	11.451	91	332849	49.889	ug/l	93
83) tert-Butylbenzene	11.713	119	378766	50.684	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	363227	51.675	ug/l	94
85) sec-Butylbenzene	11.890	105	444329	51.862	ug/l	96
86) p-Isopropyltoluene	12.012	119	390594	51.982	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	216104	49.336	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	217023	48.064	ug/l	95
89) n-Butylbenzene	12.329	91	307254	51.653	ug/l	98
90) Hexachloroethane	12.536	117	64100	50.156	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	220952	49.521	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33445	56.142	ug/l	62
93) 1,2,4-Trichlorobenzene	13.591	180	148377	50.459	ug/l	96
94) Hexachlorobutadiene	13.725	225	70491	48.386	ug/l	98
95) Naphthalene	13.774	128	473993	54.624	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154756	51.137	ug/l	95

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

