

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043188.D
 Acq On : 26 Sep 2024 19:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 27 01:45:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/27/2024
 Supervised By :Semsettin Yesilyurt 09/27/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	94443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80497	51.313	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	5.385	113	60645	50.921	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.840%			
50) Toluene-d8	8.647	98	202590	50.279	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.560%			
62) 4-Bromofluorobenzene	11.079	95	76237	46.983	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	49934	49.579	ug/l	97
3) Chloromethane	1.301	50	47262	45.963	ug/l	95
4) Vinyl Chloride	1.374	62	52576	50.337	ug/l	97
5) Bromomethane	1.599	94	21165	35.222	ug/l	97
6) Chloroethane	1.666	64	22629	33.838	ug/l	98
7) Trichlorofluoromethane	1.874	101	91000	49.084	ug/l	98
8) Diethyl Ether	2.136	74	34930	56.116	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	55979	53.495	ug/l	99
10) Methyl Iodide	2.447	142	67483	54.258	ug/l	99
11) Tert butyl alcohol	2.989	59	85897	245.237	ug/l	100
12) 1,1-Dichloroethene	2.313	96	52315	52.266	ug/l	99
13) Acrolein	2.239	56	10387	225.091	ug/l	95
14) Allyl chloride	2.660	41	90106	48.481	ug/l	99
15) Acrylonitrile	3.069	53	168378	277.131	ug/l	99
16) Acetone	2.392	43	150689	205.399	ug/l	100
17) Carbon Disulfide	2.502	76	106795	42.924	ug/l	99
18) Methyl Acetate	2.709	43	123490	62.538	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	214475	56.236	ug/l	99
20) Methylene Chloride	2.788	84	60673	51.982	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	53481	51.638	ug/l	97
22) Diisopropyl ether	3.764	45	196704	56.522	ug/l	96
23) Vinyl Acetate	3.721	43	1124923	274.783	ug/l	99
24) 1,1-Dichloroethane	3.605	63	110676	55.005	ug/l	98
25) 2-Butanone	4.562	43	241448	255.308	ug/l	98
26) 2,2-Dichloropropane	4.471	77	98675	48.453	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	69995	54.288	ug/l	99
28) Bromochloromethane	4.898	49	46726	52.755	ug/l	99
29) Tetrahydrofuran	5.007	42	154579	271.789	ug/l	99
30) Chloroform	5.093	83	121582	54.802	ug/l	99
31) Cyclohexane	5.465	56	81163	52.609	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	110928	52.784	ug/l	100
36) 1,1-Dichloropropene	5.690	75	74770	51.093	ug/l	98
37) Ethyl Acetate	4.721	43	92761	50.464	ug/l	100
38) Carbon Tetrachloride	5.672	117	91461	48.517	ug/l	97
39) Methylcyclohexane	7.379	83	90499	49.276	ug/l	99
40) Benzene	6.038	78	230211	53.312	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52567	57.524	ug/l	99
42) 1,2-Dichloroethane	6.086	62	97402	53.122	ug/l	100
43) Isopropyl Acetate	6.342	43	159174	51.844	ug/l	99
44) Trichloroethene	7.123	130	59416	50.288	ug/l	100
45) 1,2-Dichloropropane	7.428	63	59631	55.441	ug/l	99
46) Dibromomethane	7.580	93	47174	52.087	ug/l	98
47) Bromodichloromethane	7.824	83	97545	51.795	ug/l	99
48) Methyl methacrylate	7.696	41	78213	51.865	ug/l	98
49) 1,4-Dioxane	7.665	88	29387	1032.275	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	492803	261.276	ug/l	99
52) Toluene	8.720	92	144338	51.903	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	94858	49.066	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	99054	51.304	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	62104	54.239	ug/l	99
56) Ethyl methacrylate	9.116	69	105721	53.061	ug/l	100
57) 1,3-Dichloropropane	9.305	76	103152	52.967	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	239377	297.134	ug/l	99
59) 2-Hexanone	9.433	43	375807	254.816	ug/l	100
60) Dibromochloromethane	9.519	129	74283	49.678	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64389	51.395	ug/l	100
64) Tetrachloroethene	9.275	164	49824	47.960	ug/l	98
65) Chlorobenzene	10.080	112	161358	52.168	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	61878	54.237	ug/l	98
67) Ethyl Benzene	10.195	91	286920	53.626	ug/l	100
68) m/p-Xylenes	10.299	106	210434	105.686	ug/l	99
69) o-Xylene	10.640	106	106323	53.239	ug/l	97
70) Styrene	10.653	104	178838	53.685	ug/l	98
71) Bromoform	10.799	173	48213	48.048	ug/l #	99
73) Isopropylbenzene	10.964	105	276779	55.330	ug/l	100
74) N-amyl acetate	10.842	43	136442	58.052	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	94795	58.891	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79146m	55.811	ug/l	
77) Bromobenzene	11.195	156	65974	54.938	ug/l	98
78) n-propylbenzene	11.305	91	312638	55.087	ug/l	99
79) 2-Chlorotoluene	11.366	91	193505	54.360	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	226937	54.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29907	50.247	ug/l	100
82) 4-Chlorotoluene	11.451	91	220052	54.084	ug/l	100
83) tert-Butylbenzene	11.713	119	239945	56.262	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	229128	55.646	ug/l	99
85) sec-Butylbenzene	11.890	105	286392	54.639	ug/l	100
86) p-Isopropyltoluene	12.006	119	237482	54.573	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118610	54.169	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	118872	54.138	ug/l	98
89) n-Butylbenzene	12.329	91	200568	52.886	ug/l	99
90) Hexachloroethane	12.536	117	46288	53.374	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	119243	55.298	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23778	54.637	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	71077	53.165	ug/l	98
94) Hexachlorobutadiene	13.725	225	27175	48.380	ug/l	99
95) Naphthalene	13.774	128	268561	57.794	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74930	56.411	ug/l	99

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

