

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040527.D
 Acq On : 29 Feb 2024 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 01 03:43:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	90468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73962	48.880	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.760%		
35) Dibromofluoromethane	5.385	113	52764	51.450	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.900%		
50) Toluene-d8	8.647	98	188206	50.558	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.120%		
62) 4-Bromofluorobenzene	11.079	95	76759	54.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	53702	47.699	ug/l	99
3) Chloromethane	1.295	50	49819	44.612	ug/l	97
4) Vinyl Chloride	1.374	62	54420	45.065	ug/l	99
5) Bromomethane	1.599	94	37521	55.911	ug/l	91
6) Chloroethane	1.685	64	34882	45.644	ug/l	98
7) Trichlorofluoromethane	1.886	101	85683	44.925	ug/l	98
8) Diethyl Ether	2.130	74	27877	41.816	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	50714	49.398	ug/l	99
10) Methyl Iodide	2.447	142	55468	51.844	ug/l	99
11) Tert butyl alcohol	2.953	59	63244	248.634	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	45833	44.467	ug/l	97
13) Acrolein	2.233	56	48658	298.370	ug/l	100
14) Allyl chloride	2.660	41	85565	47.451	ug/l	93
15) Acrylonitrile	3.063	53	143925	225.570	ug/l	98
16) Acetone	2.374	43	156288	316.720	ug/l	98
17) Carbon Disulfide	2.514	76	116434	40.793	ug/l	100
18) Methyl Acetate	2.697	43	72183	47.448	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	170505	48.498	ug/l	99
20) Methylene Chloride	2.788	84	52955	44.844	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	49333	44.879	ug/l	95
22) Diisopropyl ether	3.757	45	170195	46.967	ug/l	94
23) Vinyl Acetate	3.715	43	804198	242.270	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98204	46.473	ug/l	98
25) 2-Butanone	4.544	43	222049	258.271	ug/l	99
26) 2,2-Dichloropropane	4.471	77	84118	49.997	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	59404	46.194	ug/l	99
28) Bromochloromethane	4.891	49	42187	47.726	ug/l	98
29) Tetrahydrofuran	4.995	42	136780	228.052	ug/l	97
30) Chloroform	5.087	83	107816	48.068	ug/l	98
31) Cyclohexane	5.465	56	77873	45.426	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	95486	49.877	ug/l	97
36) 1,1-Dichloropropene	5.690	75	76340	48.316	ug/l	98
37) Ethyl Acetate	4.709	43	82708	47.830	ug/l	99
38) Carbon Tetrachloride	5.672	117	79799	52.280	ug/l	99
39) Methylcyclohexane	7.379	83	85740	50.261	ug/l	96
40) Benzene	6.031	78	204328	47.765	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	46950	48.608	ug/l	96
42) 1,2-Dichloroethane	6.080	62	93886	53.027	ug/l	98
43) Isopropyl Acetate	6.336	43	135023	49.764	ug/l	98
44) Trichloroethene	7.123	130	56594	49.193	ug/l	93
45) 1,2-Dichloropropane	7.428	63	55188	48.205	ug/l	98
46) Dibromomethane	7.580	93	41543	49.356	ug/l	98
47) Bromodichloromethane	7.818	83	83585	50.436	ug/l	96
48) Methyl methacrylate	7.690	41	71036	52.380	ug/l	95
49) 1,4-Dioxane	7.653	88	27492	1071.632	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	456402	254.414	ug/l	98
52) Toluene	8.714	92	132487	50.465	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	83783	49.815	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	93043	51.467	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	52005	47.733	ug/l	94
56) Ethyl methacrylate	9.116	69	83547	49.597	ug/l	95
57) 1,3-Dichloropropane	9.305	76	88171	46.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	222949	252.421	ug/l	97
59) 2-Hexanone	9.427	43	336230	243.778	ug/l	96
60) Dibromochloromethane	9.519	129	58603	49.522	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57667	48.505	ug/l	100
64) Tetrachloroethene	9.269	164	45887	50.287	ug/l	97
65) Chlorobenzene	10.080	112	135159	48.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	51128	52.477	ug/l	100
67) Ethyl Benzene	10.189	91	259891	51.355	ug/l	98
68) m/p-Xylenes	10.299	106	194992	103.183	ug/l	94
69) o-Xylene	10.640	106	99872	55.257	ug/l	93
70) Styrene	10.653	104	168026	55.766	ug/l	97
71) Bromoform	10.799	173	46579	58.404	ug/l #	99
73) Isopropylbenzene	10.964	105	272350	49.818	ug/l	100
74) N-amyl acetate	10.842	43	126989	50.014	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	92717	46.896	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	82266m	50.354	ug/l	
77) Bromobenzene	11.195	156	63994	49.505	ug/l	98
78) n-propylbenzene	11.305	91	337854	49.823	ug/l	98
79) 2-Chlorotoluene	11.360	91	199284	48.818	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	237617	51.107	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	25452	47.248	ug/l	93
82) 4-Chlorotoluene	11.451	91	235467	49.881	ug/l	99
83) tert-Butylbenzene	11.713	119	225649	51.479	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	238114	51.618	ug/l	100
85) sec-Butylbenzene	11.890	105	297482	51.659	ug/l	100
86) p-Isopropyltoluene	12.006	119	246005	51.827	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	127035	49.303	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	128162	48.861	ug/l	99
89) n-Butylbenzene	12.329	91	244141	52.279	ug/l	97
90) Hexachloroethane	12.536	117	41370	52.367	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	122898	50.052	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24344	52.816	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	84311	52.614	ug/l	97
94) Hexachlorobutadiene	13.725	225	35127	53.636	ug/l	97
95) Naphthalene	13.774	128	264544	51.660	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	80245	52.680	ug/l	98

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

