

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040424\
 Data File : VX040874.D
 Acq On : 04 Apr 2024 09:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 05 04:05:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	53162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	86168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	81610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47135	49.414	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.820%		
35) Dibromofluoromethane	5.379	113	31430	51.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.000%		
50) Toluene-d8	8.647	98	114460	51.900	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.800%		
62) 4-Bromofluorobenzene	11.079	95	46112	52.357	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33455	46.428	ug/l	96
3) Chloromethane	1.301	50	31925	51.285	ug/l	96
4) Vinyl Chloride	1.374	62	34588	53.827	ug/l	99
5) Bromomethane	1.605	94	24221	61.270	ug/l	100
6) Chloroethane	1.685	64	21450	51.785	ug/l	96
7) Trichlorofluoromethane	1.886	101	61564	50.050	ug/l	97
8) Diethyl Ether	2.136	74	19688	49.530	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	31826	50.189	ug/l	98
10) Methyl Iodide	2.453	142	36163	47.012	ug/l	98
11) Tert butyl alcohol	2.953	59	36591	210.113	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	28518	47.950	ug/l	98
13) Acrolein	2.233	56	21461	225.757	ug/l	99
14) Allyl chloride	2.666	41	52832	49.588	ug/l	91
15) Acrylonitrile	3.056	53	85932	233.911	ug/l	98
16) Acetone	2.373	43	93813	253.288	ug/l	98
17) Carbon Disulfide	2.514	76	79283	46.080	ug/l	98
18) Methyl Acetate	2.697	43	38192	43.464	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	100047	47.790	ug/l	100
20) Methylene Chloride	2.788	84	31139	45.366	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	29646	47.193	ug/l	100
22) Diisopropyl ether	3.751	45	102430	49.402	ug/l	88
23) Vinyl Acetate	3.715	43	500930	252.070	ug/l	99
24) 1,1-Dichloroethane	3.611	63	57397	48.453	ug/l	99
25) 2-Butanone	4.544	43	129796	235.908	ug/l	100
26) 2,2-Dichloropropane	4.471	77	51108	50.253	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	35870	49.449	ug/l	99
28) Bromochloromethane	4.897	49	26617	49.973	ug/l	99
29) Tetrahydrofuran	4.989	42	83254	232.805	ug/l	98
30) Chloroform	5.086	83	63922	49.577	ug/l	99
31) Cyclohexane	5.470	56	48362	47.779	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	56601	49.401	ug/l	98
36) 1,1-Dichloropropene	5.690	75	42834	49.393	ug/l	99
37) Ethyl Acetate	4.708	43	51754	48.600	ug/l	97
38) Carbon Tetrachloride	5.672	117	50414	52.513	ug/l	99
39) Methylcyclohexane	7.379	83	49889	48.147	ug/l	98
40) Benzene	6.037	78	120779	50.180	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	27712	50.672	ug/l	97
42) 1,2-Dichloroethane	6.080	62	52933	50.634	ug/l	96
43) Isopropyl Acetate	6.330	43	83210	50.598	ug/l	96
44) Trichloroethene	7.123	130	30201	50.239	ug/l	96
45) 1,2-Dichloropropane	7.427	63	29848	51.947	ug/l	99
46) Dibromomethane	7.574	93	24099	51.171	ug/l	99
47) Bromodichloromethane	7.818	83	51761	52.825	ug/l	97
48) Methyl methacrylate	7.690	41	41715	51.800	ug/l	95
49) 1,4-Dioxane	7.647	88	14547	946.600	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	277255	254.166	ug/l	95
52) Toluene	8.714	92	75888	49.968	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	51631	51.068	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	52260	53.788	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	30759	51.897	ug/l	92
56) Ethyl methacrylate	9.110	69	53351	52.421	ug/l #	92
57) 1,3-Dichloropropane	9.305	76	53093	51.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	124626	252.594	ug/l	97
59) 2-Hexanone	9.427	43	221548	253.239	ug/l	95
60) Dibromochloromethane	9.519	129	37799	53.423	ug/l	99
61) 1,2-Dibromoethane	9.604	107	32676	51.100	ug/l	98
64) Tetrachloroethene	9.269	164	26582	49.220	ug/l	95
65) Chlorobenzene	10.079	112	87241	48.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	29901	50.472	ug/l	97
67) Ethyl Benzene	10.189	91	159449	50.095	ug/l	95
68) m/p-Xylenes	10.299	106	115539	99.765	ug/l	90
69) o-Xylene	10.640	106	55655	51.011	ug/l	90
70) Styrene	10.652	104	97521	51.581	ug/l	96
71) Bromoform	10.799	173	25693	49.024	ug/l #	97
73) Isopropylbenzene	10.957	105	152318	50.337	ug/l	99
74) N-amyl acetate	10.841	43	78951	51.512	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	50958	49.250	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	45010m	48.718	ug/l	
77) Bromobenzene	11.195	156	35820	50.462	ug/l	98
78) n-propylbenzene	11.305	91	190453	50.361	ug/l	96
79) 2-Chlorotoluene	11.360	91	112550	49.869	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	132214	51.157	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	16722	48.833	ug/l	94
82) 4-Chlorotoluene	11.451	91	135222	50.184	ug/l	99
83) tert-Butylbenzene	11.713	119	128581	50.150	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	134013	51.473	ug/l	99
85) sec-Butylbenzene	11.890	105	163845	50.317	ug/l	100
86) p-Isopropyltoluene	12.006	119	140656	51.500	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	70939	49.441	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	72267	47.467	ug/l	99
89) n-Butylbenzene	12.329	91	140921	52.228	ug/l	96
90) Hexachloroethane	12.536	117	25463	53.519	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	68281	48.559	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13404	50.416	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	46888	48.099	ug/l	96
94) Hexachlorobutadiene	13.725	225	17529	46.940	ug/l	98
95) Naphthalene	13.774	128	157797	50.273	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46254	49.736	ug/l	98

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

