

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041356.D
 Acq On : 02 May 2024 16:09
 Operator : JC/MD
 Sample : VX0502WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBSD01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 03 01:40:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	206272	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	295376	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115280	51.337	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	102.680%		
35) Dibromofluoromethane	5.385	113	94233	47.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	8.647	98	321780	50.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.580%		
62) 4-Bromofluorobenzene	11.079	95	118918	48.488	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	34075	20.104	ug/l	96
3) Chloromethane	1.301	50	33608	19.162	ug/l	98
4) Vinyl Chloride	1.374	62	35706	21.356	ug/l	99
5) Bromomethane	1.599	94	15653	14.934	ug/l	95
6) Chloroethane	1.666	64	16428	21.162	ug/l	95
7) Trichlorofluoromethane	1.868	101	52639	18.258	ug/l	99
8) Diethyl Ether	2.136	74	18803	18.504	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	26272	16.213	ug/l #	87
10) Methyl Iodide	2.441	142	17992	10.317	ug/l	92
11) Tert butyl alcohol	3.008	59	34407	76.553	ug/l #	91
12) 1,1-Dichloroethene	2.307	96	26436	16.539	ug/l	87
13) Acrolein	2.239	56	27828	78.046	ug/l	99
14) Allyl chloride	2.660	41	43797	16.309	ug/l	94
15) Acrylonitrile	3.075	53	84204	82.087	ug/l	99
16) Acetone	2.392	43	83141	81.440	ug/l	96
17) Carbon Disulfide	2.502	76	54080	14.393	ug/l	100
18) Methyl Acetate	2.709	43	39169	17.049	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	95358	16.365	ug/l	97
20) Methylene Chloride	2.788	84	30529	15.660	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	27463	15.374	ug/l	89
22) Diisopropyl ether	3.764	45	92310	16.219	ug/l	97
23) Vinyl Acetate	3.727	43	430117	84.483	ug/l	96
24) 1,1-Dichloroethane	3.605	63	50918	15.836	ug/l	98
25) 2-Butanone	4.568	43	128392	88.340	ug/l	97
26) 2,2-Dichloropropane	4.471	77	38949	14.488	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	34203	16.171	ug/l	90
28) Bromochloromethane	4.898	49	23769	20.713	ug/l #	76
29) Tetrahydrofuran	5.013	42	97245	102.308	ug/l	95
30) Chloroform	5.093	83	66256	19.806	ug/l	95
31) Cyclohexane	5.464	56	47501	17.527	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	57053	18.746	ug/l	98
36) 1,1-Dichloropropene	5.690	75	42167	17.617	ug/l	97
37) Ethyl Acetate	4.721	43	50193	16.807	ug/l	100
38) Carbon Tetrachloride	5.678	117	48435	17.664	ug/l	99
39) Methylcyclohexane	7.373	83	50403	17.925	ug/l	92
40) Benzene	6.038	78	135862	18.413	ug/l	99

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41) Methacrylonitrile	4.928	41	29579	19.244	ug/l	95
42) 1,2-Dichloroethane	6.086	62	52134	19.279	ug/l	97
43) Isopropyl Acetate	6.348	43	85309	18.998	ug/l	97
44) Trichloroethene	7.123	130	36788	18.881	ug/l	89
45) 1,2-Dichloropropane	7.434	63	32925	19.972	ug/l	100
46) Dibromomethane	7.580	93	25736	19.610	ug/l #	78
47) Bromodichloromethane	7.824	83	46519	19.891	ug/l	100
48) Methyl methacrylate	7.696	41	42719	20.753	ug/l	96
49) 1,4-Dioxane	7.671	88	16015	359.858	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	295999	109.856	ug/l	100
52) Toluene	8.720	92	87602	19.408	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	45069	19.450	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49743	19.347	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	35601	20.481	ug/l	94
56) Ethyl methacrylate	9.116	69	58053	21.580	ug/l	96
57) 1,3-Dichloropropane	9.311	76	59135	20.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	127454	97.710	ug/l	93
59) 2-Hexanone	9.433	43	230007	106.753	ug/l	98
60) Dibromochloromethane	9.519	129	38751	18.937	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38272	20.013	ug/l	100
64) Tetrachloroethene	9.275	164	35353	18.677	ug/l #	89
65) Chlorobenzene	10.080	112	100648	18.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36046	19.225	ug/l	98
67) Ethyl Benzene	10.195	91	162015	18.505	ug/l	99
68) m/p-Xylenes	10.299	106	128104	36.539	ug/l	95
69) o-Xylene	10.640	106	64574	19.236	ug/l	96
70) Styrene	10.653	104	107266	19.473	ug/l	96
71) Bromoform	10.799	173	31335	18.674	ug/l #	99
73) Isopropylbenzene	10.964	105	164415	19.494	ug/l	97
74) N-amyl acetate	10.842	43	76965	20.887	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	57395	20.768	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47142m	20.936	ug/l	
77) Bromobenzene	11.195	156	48632	20.430	ug/l	78
78) n-propylbenzene	11.305	91	173905	19.632	ug/l	96
79) 2-Chlorotoluene	11.366	91	112869	19.772	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	136548	19.860	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	14834	17.944	ug/l	95
82) 4-Chlorotoluene	11.457	91	127235	19.633	ug/l	93
83) tert-Butylbenzene	11.713	119	146348	19.877	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	136559	19.739	ug/l	92
85) sec-Butylbenzene	11.890	105	168066	19.919	ug/l	96
86) p-Isopropyltoluene	12.006	119	147477	19.461	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	83910	19.393	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	84852	19.035	ug/l	96
89) n-Butylbenzene	12.335	91	109274	17.933	ug/l	97
90) Hexachloroethane	12.536	117	22556	17.799	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	88122	19.282	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13242	20.735	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	55592	17.402	ug/l	96
94) Hexachlorobutadiene	13.725	225	23626	14.810	ug/l	98
95) Naphthalene	13.774	128	157940	16.684	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52204	15.990	ug/l	96

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

