

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041370.D
 Acq On : 06 May 2024 11:39
 Operator : JC/MD
 Sample : VX0506WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

Quant Time: May 06 16:49:14 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	176821	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	247770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109592	56.933	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.860%
35) Dibromofluoromethane	5.385	113	87640	52.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.400%
50) Toluene-d8	8.647	98	255931	48.158	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.079	95	103747	50.430	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29659	20.413	ug/l	98
3) Chloromethane	1.300	50	27154	18.061	ug/l	97
4) Vinyl Chloride	1.374	62	27338	19.074	ug/l	95
5) Bromomethane	1.599	94	17163	19.102	ug/l	95
6) Chloroethane	1.666	64	13179	19.804	ug/l	95
7) Trichlorofluoromethane	1.861	101	50906	20.598	ug/l	99
8) Diethyl Ether	2.136	74	19613	22.515	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.312	101	32765	23.588	ug/l #	86
10) Methyl Iodide	2.440	142	26259	17.565	ug/l	91
11) Tert butyl alcohol	3.020	59	45490	118.069	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	30113	21.977	ug/l	87
13) Acrolein	2.239	56	34978	114.437	ug/l	99
14) Allyl chloride	2.654	41	52828	22.948	ug/l	97
15) Acrylonitrile	3.068	53	105188	119.623	ug/l	98
16) Acetone	2.392	43	106886	124.124	ug/l	95
17) Carbon Disulfide	2.501	76	63996	19.868	ug/l	99
18) Methyl Acetate	2.709	43	48752	24.754	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	112357	22.494	ug/l	98
20) Methylene Chloride	2.782	84	36299	21.721	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	31260	20.414	ug/l	91
22) Diisopropyl ether	3.763	45	108153	22.168	ug/l	97
23) Vinyl Acetate	3.721	43	506351	116.022	ug/l	97
24) 1,1-Dichloroethane	3.605	63	58410	21.191	ug/l	98
25) 2-Butanone	4.568	43	155356	124.697	ug/l	96
26) 2,2-Dichloropropane	4.471	77	47092	20.435	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	39368	21.713	ug/l	90
28) Bromochloromethane	4.897	49	23964	24.361	ug/l #	75
29) Tetrahydrofuran	5.013	42	99049	121.563	ug/l	96
30) Chloroform	5.092	83	62885	21.930	ug/l	93
31) Cyclohexane	5.458	56	47500	20.446	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	54689	20.962	ug/l	97
36) 1,1-Dichloropropene	5.690	75	40406	20.125	ug/l	98
37) Ethyl Acetate	4.721	43	58903	23.513	ug/l	100
38) Carbon Tetrachloride	5.672	117	46821	20.356	ug/l	99
39) Methylcyclohexane	7.379	83	51820	21.969	ug/l	93
40) Benzene	6.031	78	128371	20.741	ug/l	100

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41) Methacrylonitrile	4.928	41	29593	22.952	ug/l	93
42) 1,2-Dichloroethane	6.086	62	51125	22.539	ug/l	96
43) Isopropyl Acetate	6.342	43	86958	23.087	ug/l	99
44) Trichloroethene	7.123	130	35407	21.664	ug/l	89
45) 1,2-Dichloropropane	7.427	63	31026	22.436	ug/l	96
46) Dibromomethane	7.580	93	24991	22.701	ug/l #	78
47) Bromodichloromethane	7.824	83	46213	23.557	ug/l	96
48) Methyl methacrylate	7.696	41	42678	24.717	ug/l	96
49) 1,4-Dioxane	7.671	88	20940	560.928	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	259596	114.857	ug/l	99
52) Toluene	8.714	92	70513	18.624	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39595	20.371	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	41242	19.123	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29892	20.501	ug/l	97
56) Ethyl methacrylate	9.116	69	48622	21.547	ug/l	99
57) 1,3-Dichloropropane	9.305	76	49219	20.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	110129	100.650	ug/l	93
59) 2-Hexanone	9.433	43	205942	113.949	ug/l	99
60) Dibromochloromethane	9.518	129	34364	20.019	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31893	19.882	ug/l	98
64) Tetrachloroethene	9.269	164	29696	21.128	ug/l	92
65) Chlorobenzene	10.079	112	84940	21.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	30121	21.635	ug/l	97
67) Ethyl Benzene	10.195	91	135990	20.918	ug/l	99
68) m/p-Xylenes	10.299	106	108263	41.586	ug/l	94
69) o-Xylene	10.640	106	54046	21.682	ug/l	95
70) Styrene	10.652	104	90889	22.221	ug/l	95
71) Bromoform	10.799	173	29159	23.402	ug/l #	99
73) Isopropylbenzene	10.963	105	139504	18.571	ug/l	97
74) N-amyl acetate	10.841	43	69451	21.162	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	57334	23.293	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46931m	23.401	ug/l	
77) Bromobenzene	11.195	156	45974	21.684	ug/l	78
78) n-propylbenzene	11.305	91	169284	21.456	ug/l	96
79) 2-Chlorotoluene	11.366	91	109376	21.513	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	133123	21.739	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	13491	18.323	ug/l	97
82) 4-Chlorotoluene	11.451	91	123391	21.378	ug/l	92
83) tert-Butylbenzene	11.713	119	144399	22.020	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	138526	22.482	ug/l	95
85) sec-Butylbenzene	11.890	105	168413	22.410	ug/l	96
86) p-Isopropyltoluene	12.006	119	146078	21.644	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	83070	21.556	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	85066	21.425	ug/l	96
89) n-Butylbenzene	12.329	91	112129	20.661	ug/l	97
90) Hexachloroethane	12.536	117	23955	21.223	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	85658	21.044	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13393	23.546	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	58935	20.714	ug/l	95
94) Hexachlorobutadiene	13.725	225	28569	20.108	ug/l	99
95) Naphthalene	13.774	128	190626	22.609	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61185	21.041	ug/l	95

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

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