

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041483.D
 Acq On : 13 May 2024 11:36
 Operator : JC/MD
 Sample : VX0513WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD01

Quant Time: May 14 01:28:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	172307	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	247531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102746	54.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.540%
35) Dibromofluoromethane	5.385	113	80999	48.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	8.647	98	284178	53.525	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.040%
62) 4-Bromofluorobenzene	11.079	95	108384	52.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.480%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	32019	22.615	ug/l	98
3) Chloromethane	1.294	50	28753	19.625	ug/l	98
4) Vinyl Chloride	1.374	62	27727	19.852	ug/l	99
5) Bromomethane	1.599	94	18643	21.293	ug/l	99
6) Chloroethane	1.666	64	15822	24.399	ug/l	99
7) Trichlorofluoromethane	1.867	101	48715	20.228	ug/l	97
8) Diethyl Ether	2.136	74	18016	21.224	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	31670	23.397	ug/l	88
10) Methyl Iodide	2.447	142	32641	22.406	ug/l	91
11) Tert butyl alcohol	3.007	59	38866	103.519	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	29331	21.967	ug/l	86
13) Acrolein	2.239	56	36023	120.944	ug/l	98
14) Allyl chloride	2.660	41	49914	22.250	ug/l	99
15) Acrylonitrile	3.068	53	96139	112.196	ug/l	99
16) Acetone	2.392	43	97965	116.508	ug/l	98
17) Carbon Disulfide	2.502	76	53860	17.160	ug/l	99
18) Methyl Acetate	2.709	43	46580	24.271	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	105978	21.773	ug/l	99
20) Methylene Chloride	2.788	84	34532	21.205	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	30251	20.273	ug/l	88
22) Diisopropyl ether	3.763	45	106784	22.461	ug/l	97
23) Vinyl Acetate	3.721	43	466696	109.737	ug/l	98
24) 1,1-Dichloroethane	3.605	63	58422	21.751	ug/l	98
25) 2-Butanone	4.568	43	139990	115.307	ug/l	95
26) 2,2-Dichloropropane	4.471	77	48332	21.522	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	38278	21.665	ug/l	91
28) Bromochloromethane	4.897	49	21044	21.953	ug/l	# 78
29) Tetrahydrofuran	5.013	42	85061	107.130	ug/l	96
30) Chloroform	5.086	83	62392	22.328	ug/l	99
31) Cyclohexane	5.464	56	46575	20.573	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	54077	21.271	ug/l	98
36) 1,1-Dichloropropene	5.690	75	38725	19.306	ug/l	95
37) Ethyl Acetate	4.721	43	52539	20.993	ug/l	99
38) Carbon Tetrachloride	5.672	117	45181	19.662	ug/l	95
39) Methylcyclohexane	7.373	83	48688	20.662	ug/l	97
40) Benzene	6.031	78	127488	20.618	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28049	21.775	ug/l	96
42) 1,2-Dichloroethane	6.086	62	48964	21.607	ug/l	98
43) Isopropyl Acetate	6.342	43	79318	21.079	ug/l	99
44) Trichloroethene	7.123	130	34950	21.405	ug/l	95
45) 1,2-Dichloropropane	7.427	63	31131	22.533	ug/l	98
46) Dibromomethane	7.580	93	23455	21.326	ug/l #	79
47) Bromodichloromethane	7.818	83	43745	22.321	ug/l	99
48) Methyl methacrylate	7.696	41	39162	22.703	ug/l	95
49) 1,4-Dioxane	7.671	88	13610	364.928	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	274603	121.614	ug/l	100
52) Toluene	8.714	92	82381	21.779	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	42128	20.030	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	46849	21.744	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	34550	23.718	ug/l	99
56) Ethyl methacrylate	9.116	69	51545	22.864	ug/l	98
57) 1,3-Dichloropropane	9.305	76	55910	22.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	115239	105.422	ug/l	94
59) 2-Hexanone	9.433	43	212623	117.760	ug/l	98
60) Dibromochloromethane	9.519	129	35725	20.832	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35319	22.039	ug/l	99
64) Tetrachloroethene	9.275	164	33691	20.875	ug/l	91
65) Chlorobenzene	10.079	112	96303	21.284	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	34099	21.329	ug/l	99
67) Ethyl Benzene	10.195	91	157647	21.118	ug/l	100
68) m/p-Xylenes	10.299	106	123962	41.468	ug/l	94
69) o-Xylene	10.640	106	57357	20.039	ug/l	97
70) Styrene	10.652	104	96789	20.608	ug/l	96
71) Bromoform	10.799	173	28358	19.820	ug/l #	100
73) Isopropylbenzene	10.963	105	162592	23.885	ug/l	98
74) N-amyl acetate	10.841	43	69989	23.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	56076	25.140	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	45508m	25.040	ug/l	
77) Bromobenzene	11.195	156	46225	24.060	ug/l	79
78) n-propylbenzene	11.305	91	174816	24.451	ug/l	96
79) 2-Chlorotoluene	11.366	91	110572	23.999	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	134973	24.323	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	13479	20.202	ug/l	92
82) 4-Chlorotoluene	11.451	91	125909	24.072	ug/l	93
83) tert-Butylbenzene	11.713	119	143589	24.163	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	135718	24.306	ug/l	94
85) sec-Butylbenzene	11.890	105	169028	24.820	ug/l	96
86) p-Isopropyltoluene	12.006	119	131208	21.453	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	77224	22.113	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	81607	22.682	ug/l	95
89) n-Butylbenzene	12.329	91	113906	23.161	ug/l	97
90) Hexachloroethane	12.536	117	23119	22.603	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	84772	22.982	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11480	22.272	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	56362	21.860	ug/l	95
94) Hexachlorobutadiene	13.725	225	27972	21.725	ug/l	99
95) Naphthalene	13.774	128	171326	22.423	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58689	22.272	ug/l	96

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

