

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041480.D
 Acq On : 13 May 2024 10:24
 Operator : JC/MD
 Sample : VX0513WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS01

Quant Time: May 14 01:21:33 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	5.550	168	203790	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	285682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122634	55.277	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.560%	
35) Dibromofluoromethane	5.385	113	99825	51.563	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.120%	
50) Toluene-d8	8.647	98	335008	54.672	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	11.079	95	122512	51.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	32432	19.368	ug/l	96
3) Chloromethane	1.295	50	28730	16.580	ug/l	99
4) Vinyl Chloride	1.374	62	28365	17.172	ug/l	98
5) Bromomethane	1.599	94	19344	18.680	ug/l	100
6) Chloroethane	1.666	64	15932	20.773	ug/l	99
7) Trichlorofluoromethane	1.868	101	53518	18.789	ug/l	99
8) Diethyl Ether	2.136	74	18038	17.967	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	32474	20.285	ug/l	88
10) Methyl Iodide	2.447	142	31364	18.203	ug/l	91
11) Tert butyl alcohol	3.008	59	40034	90.157	ug/l	# 93
12) 1,1-Dichloroethene	2.313	96	29281	18.542	ug/l	88
13) Acrolein	2.239	56	39139	111.105	ug/l	97
14) Allyl chloride	2.660	41	51229	19.309	ug/l	98
15) Acrylonitrile	3.069	53	93219	91.982	ug/l	97
16) Acetone	2.392	43	103300	103.443	ug/l	95
17) Carbon Disulfide	2.502	76	55819	15.036	ug/l	99
18) Methyl Acetate	2.709	43	46023	20.276	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	106443	18.490	ug/l	99
20) Methylene Chloride	2.788	84	34832	18.085	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	30522	17.294	ug/l	92
22) Diisopropyl ether	3.764	45	108224	19.247	ug/l	98
23) Vinyl Acetate	3.721	43	476021	94.638	ug/l	99
24) 1,1-Dichloroethane	3.605	63	59151	18.620	ug/l	98
25) 2-Butanone	4.562	43	140902	98.128	ug/l	99
26) 2,2-Dichloropropane	4.471	77	48900	18.411	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	38681	18.511	ug/l	91
28) Bromochloromethane	4.898	49	21861	19.282	ug/l	# 79
29) Tetrahydrofuran	5.007	42	84969	90.482	ug/l	95
30) Chloroform	5.087	83	63891	19.332	ug/l	97
31) Cyclohexane	5.464	56	46971	17.542	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	54522	18.133	ug/l	99
36) 1,1-Dichloropropene	5.690	75	40213	17.371	ug/l	97
37) Ethyl Acetate	4.721	43	51278	17.753	ug/l	99
38) Carbon Tetrachloride	5.672	117	47094	17.758	ug/l	98
39) Methylcyclohexane	7.379	83	49124	18.063	ug/l	91
40) Benzene	6.038	78	128221	17.967	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27147	18.261	ug/l	94
42) 1,2-Dichloroethane	6.086	62	50655	19.368	ug/l	97
43) Isopropyl Acetate	6.342	43	80217	18.471	ug/l	98
44) Trichloroethene	7.123	130	35323	18.744	ug/l	88
45) 1,2-Dichloropropane	7.428	63	31412	19.701	ug/l	99
46) Dibromomethane	7.580	93	23965	18.880	ug/l #	79
47) Bromodichloromethane	7.818	83	44597	19.716	ug/l	94
48) Methyl methacrylate	7.696	41	39288	19.734	ug/l	95
49) 1,4-Dioxane	7.671	88	16460	382.407	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	276164	105.972	ug/l	100
52) Toluene	8.714	92	83064	19.027	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	41879	17.591	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	48085	19.337	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	35326	21.012	ug/l	96
56) Ethyl methacrylate	9.116	69	52225	20.072	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57534	20.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	111582	88.445	ug/l	93
59) 2-Hexanone	9.433	43	215436	103.384	ug/l	99
60) Dibromochloromethane	9.519	129	37715	19.056	ug/l	98
61) 1,2-Dibromoethane	9.610	107	35832	19.373	ug/l	99
64) Tetrachloroethene	9.275	164	33544	18.339	ug/l	90
65) Chlorobenzene	10.079	112	97890	19.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	34576	19.083	ug/l	98
67) Ethyl Benzene	10.195	91	158377	18.720	ug/l	98
68) m/p-Xylenes	10.299	106	124538	36.759	ug/l	94
69) o-Xylene	10.640	106	59366	18.301	ug/l	95
70) Styrene	10.653	104	98550	18.514	ug/l	97
71) Bromoform	10.799	173	29321	18.083	ug/l #	99
73) Isopropylbenzene	10.963	105	163608	20.419	ug/l	98
74) N-amyl acetate	10.842	43	68887	19.679	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	56682	21.589	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45639m	21.335	ug/l	
77) Bromobenzene	11.195	156	45832	20.267	ug/l	79
78) n-propylbenzene	11.305	91	174334	20.716	ug/l	97
79) 2-Chlorotoluene	11.360	91	110960	20.461	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	134863	20.647	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14541	18.516	ug/l	95
82) 4-Chlorotoluene	11.451	91	124847	20.279	ug/l	93
83) tert-Butylbenzene	11.713	119	144707	20.689	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	136288	20.737	ug/l	95
85) sec-Butylbenzene	11.890	105	169221	21.111	ug/l	96
86) p-Isopropyltoluene	12.006	119	143181	19.889	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	80400	19.560	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	82836	19.560	ug/l	97
89) n-Butylbenzene	12.329	91	113560	19.617	ug/l	97
90) Hexachloroethane	12.536	117	23064	19.157	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	86524	19.929	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11903	19.620	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	55839	18.400	ug/l	96
94) Hexachlorobutadiene	13.725	225	28174	18.591	ug/l	98
95) Naphthalene	13.774	128	169554	18.853	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	58062	18.720	ug/l	96

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

