

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042003.D
 Acq On : 24 Jun 2024 14:37
 Operator : JC/MD
 Sample : VX0624WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS02

Quant Time: Jun 25 06:14:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/25/2024
 Supervised By : Mahesh Dadoda 06/25/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	170026	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	247618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95397	48.657	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.320%		
35) Dibromofluoromethane	5.385	113	88269	50.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.480%		
50) Toluene-d8	8.647	98	308314	49.951	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.900%		
62) 4-Bromofluorobenzene	11.079	95	116333	51.129	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	24063	18.577	ug/l	97
3) Chloromethane	1.300	50	28846	17.751	ug/l	96
4) Vinyl Chloride	1.374	62	29333	18.007	ug/l	100
5) Bromomethane	1.599	94	14666	18.233	ug/l	96
6) Chloroethane	1.666	64	15407	20.964	ug/l	92
7) Trichlorofluoromethane	1.867	101	45474	21.307	ug/l	98
8) Diethyl Ether	2.136	74	19518	19.483	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.318	101	29427	20.016	ug/l	88
10) Methyl Iodide	2.440	142	34536	18.900	ug/l	# 84
11) Tert butyl alcohol	3.001	59	28166	75.696	ug/l	# 88
12) 1,1-Dichloroethene	2.306	96	28012	19.102	ug/l	85
13) Acrolein	2.239	56	38481	92.259	ug/l	99
14) Allyl chloride	2.660	41	44880	19.297	ug/l	90
15) Acrylonitrile	3.074	53	101597	104.534	ug/l	98
16) Acetone	2.392	43	77912	90.500	ug/l	# 88
17) Carbon Disulfide	2.501	76	44336	14.827	ug/l	96
18) Methyl Acetate	2.709	43	54789	23.329	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	101022	20.851	ug/l	100
20) Methylene Chloride	2.788	84	35269	18.709	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	28430	19.102	ug/l	86
22) Diisopropyl ether	3.769	45	101701	20.687	ug/l	87
23) Vinyl Acetate	3.727	43	419220	99.853	ug/l	95
24) 1,1-Dichloroethane	3.605	63	56068	20.366	ug/l	97
25) 2-Butanone	4.574	43	136077	101.598	ug/l	95
26) 2,2-Dichloropropane	4.477	77	39235	19.680	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	37286	20.002	ug/l	87
28) Bromochloromethane	4.903	49	23324	19.780	ug/l	# 74
29) Tetrahydrofuran	5.019	42	89159	103.074	ug/l	94
30) Chloroform	5.098	83	59038	20.584	ug/l	98
31) Cyclohexane	5.464	56	42274	18.437	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	48613	20.284	ug/l	96
36) 1,1-Dichloropropene	5.690	75	36178	19.391	ug/l	95
37) Ethyl Acetate	4.727	43	51465	21.175	ug/l	98
38) Carbon Tetrachloride	5.678	117	39640	19.229	ug/l	95
39) Methylcyclohexane	7.379	83	43946	18.625	ug/l	96
40) Benzene	6.037	78	127269	20.226	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27857	21.144	ug/l	92
42) 1,2-Dichloroethane	6.086	62	42346	20.892	ug/l	92
43) Isopropyl Acetate	6.348	43	74500	19.970	ug/l #	94
44) Trichloroethene	7.123	130	33465	19.841	ug/l	90
45) 1,2-Dichloropropane	7.433	63	31769	20.533	ug/l	99
46) Dibromomethane	7.586	93	23071	20.465	ug/l #	78
47) Bromodichloromethane	7.824	83	40706	19.667	ug/l	96
48) Methyl methacrylate	7.696	41	37258	20.927	ug/l	86
49) 1,4-Dioxane	7.665	88	11365	256.371	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	271052	105.477	ug/l	95
52) Toluene	8.720	92	81644	20.376	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	39870	19.069	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	45346	20.011	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	35563	21.305	ug/l	99
56) Ethyl methacrylate	9.116	69	52232	20.114	ug/l	89
57) 1,3-Dichloropropane	9.311	76	55884	20.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	127264	105.163	ug/l	93
59) 2-Hexanone	9.433	43	207405	105.377	ug/l	94
60) Dibromochloromethane	9.518	129	35147	19.384	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35504	20.509	ug/l	100
64) Tetrachloroethene	9.275	164	32251	19.526	ug/l	92
65) Chlorobenzene	10.079	112	94525	20.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	33512	20.288	ug/l	99
67) Ethyl Benzene	10.195	91	149284	20.190	ug/l	96
68) m/p-Xylenes	10.299	106	120940	40.520	ug/l	90
69) o-Xylene	10.640	106	60435	20.452	ug/l	93
70) Styrene	10.652	104	102678	20.721	ug/l	94
71) Bromoform	10.799	173	27677	18.407	ug/l #	100
73) Isopropylbenzene	10.963	105	155875	21.196	ug/l	98
74) N-amyl acetate	10.841	43	64864	19.857	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	56529	20.673	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	44275m	20.165	ug/l	
77) Bromobenzene	11.201	156	44812	20.460	ug/l	79
78) n-propylbenzene	11.305	91	163179	20.451	ug/l	96
79) 2-Chlorotoluene	11.366	91	106624	20.740	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	128554	20.988	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13453	17.401	ug/l	97
82) 4-Chlorotoluene	11.457	91	117791	20.727	ug/l	92
83) tert-Butylbenzene	11.713	119	141170	21.004	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	130015	21.157	ug/l	94
85) sec-Butylbenzene	11.890	105	159795	21.020	ug/l	96
86) p-Isopropyltoluene	12.012	119	136697	20.585	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	77978	20.256	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	78067	19.764	ug/l	96
89) n-Butylbenzene	12.335	91	100725	19.704	ug/l	97
90) Hexachloroethane	12.536	117	21377	18.908	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	81495	20.688	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11086	20.459	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.591	180	51574	19.986	ug/l	96
94) Hexachlorobutadiene	13.725	225	26085	19.990	ug/l	99
95) Naphthalene	13.774	128	163332	19.302	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55765	20.490	ug/l	95

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

