

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042084.D
 Acq On : 28 Jun 2024 14:26
 Operator : JC/MD
 Sample : VX0628WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 29 04:19:17 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

07/01/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	196502	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	278105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135489	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	95809	42.283	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.560%
35) Dibromofluoromethane	5.385	113	91221	46.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.647	98	315625	45.529	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.060%#
62) 4-Bromofluorobenzene	11.079	95	118634	46.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	33456	22.348	ug/l	98
3) Chloromethane	1.301	50	36615	19.496	ug/l	95
4) Vinyl Chloride	1.374	62	35786	19.009	ug/l	98
5) Bromomethane	1.599	94	18552	19.956	ug/l	96
6) Chloroethane	1.666	64	19874	23.780	ug/l	100
7) Trichlorofluoromethane	1.874	101	52111	21.127	ug/l	100
8) Diethyl Ether	2.136	74	20461	17.672	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	33372	19.641	ug/l #	85
10) Methyl Iodide	2.447	142	40033	18.957	ug/l #	86
11) Tert butyl alcohol	2.983	59	37000	86.040	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	33279	19.636	ug/l #	78
13) Acrolein	2.240	56	41669	86.442	ug/l	96
14) Allyl chloride	2.660	41	51389	19.119	ug/l	89
15) Acrylonitrile	3.069	53	103133	91.817	ug/l	98
16) Acetone	2.386	43	100112	100.618	ug/l	90
17) Carbon Disulfide	2.502	76	69423	20.089	ug/l	97
18) Methyl Acetate	2.709	43	42573	15.685	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	105669	18.872	ug/l	98
20) Methylene Chloride	2.788	84	42690	19.595	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	33183	19.291	ug/l	85
22) Diisopropyl ether	3.764	45	104484	18.390	ug/l	94
23) Vinyl Acetate	3.721	43	460113	94.827	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	60368	18.973	ug/l	97
25) 2-Butanone	4.568	43	140995	91.087	ug/l	93
26) 2,2-Dichloropropane	4.471	77	44427	19.282	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	41376	19.206	ug/l	85
28) Bromochloromethane	4.898	49	25497	18.710	ug/l #	70
29) Tetrahydrofuran	5.013	42	88520	88.547	ug/l	91
30) Chloroform	5.093	83	61215	18.467	ug/l	100
31) Cyclohexane	5.465	56	52170	19.687	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	53175	19.198	ug/l	96
36) 1,1-Dichloropropene	5.690	75	40150	19.161	ug/l	93
37) Ethyl Acetate	4.721	43	53096	19.452	ug/l	97
38) Carbon Tetrachloride	5.672	117	45795	19.780	ug/l	97
39) Methylcyclohexane	7.379	83	53364	20.137	ug/l	92
40) Benzene	6.038	78	139339	19.716	ug/l	100

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41) Methacrylonitrile	4.928	41	26487	17.901	ug/l	#	88
42) 1,2-Dichloroethane	6.086	62	43092	18.930	ug/l		91
43) Isopropyl Acetate	6.349	43	75279	17.967	ug/l	#	93
44) Trichloroethene	7.123	130	37894	20.004	ug/l		85
45) 1,2-Dichloropropane	7.434	63	33888	19.501	ug/l		95
46) Dibromomethane	7.580	93	24633	19.455	ug/l	#	75
47) Bromodichloromethane	7.824	83	43555	18.737	ug/l		98
48) Methyl methacrylate	7.696	41	37210	18.609	ug/l	#	83
49) 1,4-Dioxane	7.665	88	19390	379.103	ug/l	#	82
51) 4-Methyl-2-Pentanone	8.574	43	266783	92.435	ug/l		94
52) Toluene	8.720	92	90507	20.111	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	44059	18.780	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	49970	19.634	ug/l	#	86
55) 1,1,2-Trichloroethane	9.153	97	36401	19.416	ug/l		98
56) Ethyl methacrylate	9.116	69	56819	19.481	ug/l	#	85
57) 1,3-Dichloropropane	9.305	76	58245	19.230	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	137775	101.368	ug/l		92
59) 2-Hexanone	9.433	43	205352	92.897	ug/l		91
60) Dibromochloromethane	9.519	129	38336	18.825	ug/l		99
61) 1,2-Dibromoethane	9.610	107	38748	19.929	ug/l		99
64) Tetrachloroethene	9.269	164	38470	21.051	ug/l		91
65) Chlorobenzene	10.080	112	104249	19.971	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	35791	19.584	ug/l		98
67) Ethyl Benzene	10.195	91	165986	20.290	ug/l		97
68) m/p-Xylenes	10.299	106	134266	40.658	ug/l		91
69) o-Xylene	10.640	106	67688	20.703	ug/l		90
70) Styrene	10.653	104	110650	20.183	ug/l		94
71) Bromoform	10.799	173	30299	18.225	ug/l	#	99
73) Isopropylbenzene	10.964	105	171472	20.814	ug/l		97
74) N-amyl acetate	10.842	43	67461	18.435	ug/l		93
75) 1,1,2,2-Tetrachloroethane	11.213	83	56717	18.516	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	45231m	18.389	ug/l		
77) Bromobenzene	11.195	156	49805	20.299	ug/l		76
78) n-propylbenzene	11.305	91	181169	20.268	ug/l		96
79) 2-Chlorotoluene	11.366	91	114749	19.925	ug/l		91
80) 1,3,5-Trimethylbenzene	11.451	105	140173	20.428	ug/l		95
81) trans-1,4-Dichloro-2-b...	11.018	75	15599	18.010	ug/l		90
82) 4-Chlorotoluene	11.457	91	126541	19.876	ug/l		91
83) tert-Butylbenzene	11.713	119	149252	19.823	ug/l		91
84) 1,2,4-Trimethylbenzene	11.750	105	142491	20.698	ug/l		94
85) sec-Butylbenzene	11.890	105	175464	20.604	ug/l		96
86) p-Isopropyltoluene	12.006	119	152505	20.500	ug/l		94
87) 1,3-Dichlorobenzene	11.969	146	86285	20.007	ug/l		94
88) 1,4-Dichlorobenzene	12.043	146	85980	19.431	ug/l		95
89) n-Butylbenzene	12.329	91	110973	19.379	ug/l		96
90) Hexachloroethane	12.536	117	23328	18.419	ug/l	#	53
91) 1,2-Dichlorobenzene	12.335	146	85909	19.467	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11005	18.129	ug/l	#	47
93) 1,2,4-Trichlorobenzene	13.585	180	55738	19.281	ug/l		95
94) Hexachlorobutadiene	13.725	225	28455	19.465	ug/l		97
95) Naphthalene	13.774	128	172851	18.276	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	59007	19.353	ug/l		96

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

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