

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041800.D
 Acq On : 10 Jun 2024 11:11
 Operator : JC/MD
 Sample : VX0610WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

06/11/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jun 11 03:44:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	181590	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	265465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	127871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109341	49.095	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.180%
35) Dibromofluoromethane	5.385	113	87872	47.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	8.647	98	308791	48.150	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.079	95	114155	48.228	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31622	19.818	ug/l	96
3) Chloromethane	1.301	50	33902	19.474	ug/l	99
4) Vinyl Chloride	1.374	62	33457	18.668	ug/l	99
5) Bromomethane	1.599	94	22159	17.754	ug/l	97
6) Chloroethane	1.666	64	25273	23.331	ug/l	99
7) Trichlorofluoromethane	1.874	101	63015	21.532	ug/l	100
8) Diethyl Ether	2.136	74	25680	22.767	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	38647	23.305	ug/l	89
10) Methyl Iodide	2.447	142	38987	18.854	ug/l	92
11) Tert butyl alcohol	2.995	59	42627	108.195	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	37271	23.025	ug/l	86
13) Acrolein	2.239	56	51788	141.176	ug/l	100
14) Allyl chloride	2.660	41	53612	20.132	ug/l	97
15) Acrylonitrile	3.069	53	101074	104.609	ug/l	100
16) Acetone	2.386	43	120038	121.639	ug/l	92
17) Carbon Disulfide	2.508	76	61834	17.268	ug/l	99
18) Methyl Acetate	2.709	43	48591	22.850	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	107031	19.763	ug/l	99
20) Methylene Chloride	2.788	84	36278	18.202	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	31609	18.821	ug/l	92
22) Diisopropyl ether	3.764	45	111282	20.448	ug/l	97
23) Vinyl Acetate	3.721	43	492866	100.807	ug/l	98
24) 1,1-Dichloroethane	3.611	63	60955	19.808	ug/l	98
25) 2-Butanone	4.562	43	147748	106.740	ug/l	98
26) 2,2-Dichloropropane	4.471	77	49138	19.462	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	39066	19.459	ug/l	93
28) Bromochloromethane	4.897	49	28250	21.314	ug/l #	83
29) Tetrahydrofuran	5.013	42	90163	103.286	ug/l	96
30) Chloroform	5.093	83	64692	20.023	ug/l	99
31) Cyclohexane	5.464	56	49915	18.983	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	55507	19.604	ug/l	98
36) 1,1-Dichloropropene	5.696	75	41834	18.824	ug/l	96
37) Ethyl Acetate	4.721	43	53374	19.030	ug/l	100
38) Carbon Tetrachloride	5.672	117	47444	18.790	ug/l	95
39) Methylcyclohexane	7.379	83	51477	18.854	ug/l	94
40) Benzene	6.037	78	135566	19.516	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29750	21.689	ug/l	97
42) 1,2-Dichloroethane	6.086	62	50685	19.545	ug/l	97
43) Isopropyl Acetate	6.342	43	83226	19.654	ug/l	99
44) Trichloroethene	7.123	130	35449	18.763	ug/l	94
45) 1,2-Dichloropropane	7.427	63	33370	20.204	ug/l	97
46) Dibromomethane	7.580	93	25052	19.776	ug/l #	81
47) Bromodichloromethane	7.824	83	46760	19.935	ug/l	100
48) Methyl methacrylate	7.696	41	41432	20.374	ug/l	96
49) 1,4-Dioxane	7.665	88	18905	425.481	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	289195	105.318	ug/l	100
52) Toluene	8.714	92	85987	19.505	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	44817	19.411	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	50385	19.726	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	35531	19.994	ug/l	96
56) Ethyl methacrylate	9.116	69	55272	20.377	ug/l	99
57) 1,3-Dichloropropane	9.305	76	58847	19.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	116943	91.576	ug/l	96
59) 2-Hexanone	9.433	43	226916	108.391	ug/l	99
60) Dibromochloromethane	9.519	129	37953	19.252	ug/l	100
61) 1,2-Dibromoethane	9.610	107	36812	19.627	ug/l	100
64) Tetrachloroethene	9.275	164	34661	19.089	ug/l	90
65) Chlorobenzene	10.079	112	100816	19.390	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	34734	19.252	ug/l	100
67) Ethyl Benzene	10.195	91	162309	19.588	ug/l	99
68) m/p-Xylenes	10.299	106	129073	39.156	ug/l	95
69) o-Xylene	10.640	106	63882	19.481	ug/l	95
70) Styrene	10.653	104	107200	19.792	ug/l	96
71) Bromoform	10.799	173	29285	18.638	ug/l #	98
73) Isopropylbenzene	10.963	105	164570	20.748	ug/l	97
74) N-amyl acetate	10.842	43	74015	21.065	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	57425	20.400	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	46929m	21.034	ug/l	
77) Bromobenzene	11.195	156	46724	19.956	ug/l	83
78) n-propylbenzene	11.305	91	179688	20.631	ug/l	96
79) 2-Chlorotoluene	11.360	91	114653	20.481	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	137601	20.778	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15098	18.444	ug/l	97
82) 4-Chlorotoluene	11.451	91	130072	20.423	ug/l	93
83) tert-Butylbenzene	11.713	119	145343	20.374	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	139370	20.771	ug/l	94
85) sec-Butylbenzene	11.890	105	170229	20.814	ug/l	97
86) p-Isopropyltoluene	12.006	119	146864	20.475	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	82079	19.630	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	84664	19.643	ug/l	96
89) n-Butylbenzene	12.329	91	114582	20.179	ug/l	97
90) Hexachloroethane	12.536	117	23171	18.993	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	84082	19.742	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11911	20.945	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	53645	19.111	ug/l	96
94) Hexachlorobutadiene	13.725	225	27226	19.577	ug/l	98
95) Naphthalene	13.774	128	168324	20.321	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56664	19.614	ug/l	96

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

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