

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042798.D
 Acq On : 01 Aug 2024 16:32
 Operator : JC/MD
 Sample : VX0801WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

Quant Time: Aug 01 16:59:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/03/2024
 Supervised By :Semsettin Yesilyurt 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86058	55.753	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.500%			
35) Dibromofluoromethane	5.385	113	63439	52.662	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.320%			
50) Toluene-d8	8.647	98	225384	51.546	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.100%			
62) 4-Bromofluorobenzene	11.079	95	79830	49.959	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	28603	19.143	ug/l	99
3) Chloromethane	1.301	50	21148	17.114	ug/l	99
4) Vinyl Chloride	1.374	62	20709	17.925	ug/l	97
5) Bromomethane	1.605	94	11829	28.810	ug/l	93
6) Chloroethane	1.685	64	10199	23.180	ug/l	97
7) Trichlorofluoromethane	1.886	101	30124	18.918	ug/l	98
8) Diethyl Ether	2.136	74	10408	18.096	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	20852	17.828	ug/l	95
10) Methyl Iodide	2.447	142	22801	19.747	ug/l	95
11) Tert butyl alcohol	2.971	59	28024	94.058	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	19188	15.902	ug/l	82
13) Acrolein	2.233	56	19783	65.696	ug/l	99
14) Allyl chloride	2.660	41	25977	16.989	ug/l #	91
15) Acrylonitrile	3.063	53	61812	95.574	ug/l	99
16) Acetone	2.380	43	50063	88.476	ug/l	92
17) Carbon Disulfide	2.508	76	44819	18.038	ug/l	97
18) Methyl Acetate	2.703	43	28133	19.650	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	73190	19.056	ug/l	98
20) Methylene Chloride	2.788	84	24577	17.526	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	20732	16.880	ug/l	92
22) Diisopropyl ether	3.764	45	65389	20.553	ug/l #	88
23) Vinyl Acetate	3.721	43	298502	103.913	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	39878	18.831	ug/l	97
25) 2-Butanone	4.562	43	91558	108.273	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	31904	18.256	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	27781	19.409	ug/l	88
28) Bromochloromethane	4.898	49	16724	21.514	ug/l #	78
29) Tetrahydrofuran	5.007	42	60090	112.813	ug/l	91
30) Chloroform	5.087	83	46870	20.029	ug/l	99
31) Cyclohexane	5.471	56	35392	20.810	ug/l	86
32) 1,1,1-Trichloroethane	5.373	97	40328	19.364	ug/l	100
36) 1,1-Dichloropropene	5.690	75	31030	19.347	ug/l	99
37) Ethyl Acetate	4.721	43	32957	20.444	ug/l #	92
38) Carbon Tetrachloride	5.672	117	33147	18.249	ug/l	95
39) Methylcyclohexane	7.379	83	40304	20.180	ug/l	95
40) Benzene	6.031	78	98138	19.732	ug/l	98

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41) Methacrylonitrile	4.916	41	22287	26.609	ug/l	94
42) 1,2-Dichloroethane	6.086	62	37910	20.538	ug/l	96
43) Isopropyl Acetate	6.336	43	62854	24.840	ug/l	97
44) Trichloroethene	7.123	130	22623	17.544	ug/l	91
45) 1,2-Dichloropropane	7.428	63	26636	23.008	ug/l	98
46) Dibromomethane	7.580	93	19383	20.120	ug/l	96
47) Bromodichloromethane	7.818	83	36812	20.877	ug/l #	98
48) Methyl methacrylate	7.690	41	31745	25.688	ug/l	95
49) 1,4-Dioxane	7.665	88	6522	235.116	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	228924	133.860	ug/l	100
52) Toluene	8.714	92	62221	19.547	ug/l	83
53) t-1,3-Dichloropropene	8.976	75	34998	20.048	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	38015	20.227	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	24318	18.875	ug/l	97
56) Ethyl methacrylate	9.116	69	40613	21.841	ug/l	97
57) 1,3-Dichloropropane	9.305	76	45196	21.660	ug/l #	75
58) 2-Chloroethyl Vinyl ether	8.238	63	112984	132.306	ug/l	99
59) 2-Hexanone	9.427	43	175875	133.877	ug/l	100
60) Dibromochloromethane	9.519	129	23875	18.104	ug/l	98
61) 1,2-Dibromoethane	9.610	107	25797	18.838	ug/l	99
64) Tetrachloroethene	9.275	164	18414	17.101	ug/l	96
65) Chlorobenzene	10.080	112	65285	18.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22133	19.605	ug/l	98
67) Ethyl Benzene	10.195	91	117990	20.504	ug/l	96
68) m/p-Xylenes	10.299	106	85501	39.536	ug/l	93
69) o-Xylene	10.640	106	41434	19.247	ug/l #	1
70) Styrene	10.653	104	67274	18.694	ug/l	92
71) Bromoform	10.799	173	15427	18.922	ug/l #	100
73) Isopropylbenzene	10.964	105	105111	20.819	ug/l	98
74) N-amyl acetate	10.842	43	58447	30.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	45979	26.444	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	34812m	22.173	ug/l	
77) Bromobenzene	11.195	156	22663	18.219	ug/l	85
78) n-propylbenzene	11.305	91	156245	27.993	ug/l	96
79) 2-Chlorotoluene	11.366	91	78326	21.592	ug/l	97
80) 1,3,5-Trimethylbenzene	11.281	105	131481	30.987	ug/l	72
81) trans-1,4-Dichloro-2-b...	11.018	75	11338	22.824	ug/l	94
82) 4-Chlorotoluene	11.451	91	113129	27.516	ug/l	85
83) tert-Butylbenzene	11.713	119	90364	20.878	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	89752	20.970	ug/l	99
85) sec-Butylbenzene	11.890	105	106819	20.578	ug/l	98
86) p-Isopropyltoluene	12.006	119	85865	19.733	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	42893	18.887	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	64557	27.485	ug/l	97
89) n-Butylbenzene	12.335	91	80706	22.099	ug/l	98
90) Hexachloroethane	12.536	117	15218	20.045	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	45479	19.654	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10112	25.634	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	24173	18.661	ug/l	100
94) Hexachlorobutadiene	13.725	225	10664	19.825	ug/l	97
95) Naphthalene	13.774	128	112398	22.557	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29812	22.253	ug/l	99

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

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