

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042813.D
 Acq On : 02 Aug 2024 00:21
 Operator : JC/MD
 Sample : VX0801WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS02

Quant Time: Aug 02 03:23:26 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	5.550	168	91619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74360	50.518	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.040%			
35) Dibromofluoromethane	5.385	113	55838	47.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.860%			
50) Toluene-d8	8.647	98	195920	46.336	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.680%			
62) 4-Bromofluorobenzene	11.079	95	72390	46.849	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26939	18.554	ug/l	96
3) Chloromethane	1.300	50	21960	19.706	ug/l	100
4) Vinyl Chloride	1.374	62	21983	19.345	ug/l	99
5) Bromomethane	1.599	94	6695	17.099	ug/l	97
6) Chloroethane	1.666	64	8424	20.532	ug/l	97
7) Trichlorofluoromethane	1.873	101	30558	20.036	ug/l	98
8) Diethyl Ether	2.136	74	11746	20.213	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.319	101	21229	18.453	ug/l	99
10) Methyl Iodide	2.447	142	19913	18.085	ug/l	97
11) Tert butyl alcohol	2.989	59	28154	99.603	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	20742	18.601	ug/l	93
13) Acrolein	2.239	56	25019	87.090	ug/l	100
14) Allyl chloride	2.660	41	27689	19.313	ug/l #	91
15) Acrylonitrile	3.068	53	59662	98.681	ug/l	99
16) Acetone	2.392	43	51047	95.507	ug/l	93
17) Carbon Disulfide	2.501	76	43479	17.284	ug/l	100
18) Methyl Acetate	2.709	43	32269	24.056	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	70792	19.149	ug/l	98
20) Methylene Chloride	2.788	84	23508	18.613	ug/l	85
21) trans-1,2-Dichloroethene	3.087	96	21091	18.331	ug/l	92
22) Diisopropyl ether	3.769	45	60005	19.525	ug/l	91
23) Vinyl Acetate	3.727	43	264087	98.845	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	38465	19.268	ug/l	97
25) 2-Butanone	4.568	43	80305	102.261	ug/l	94
26) 2,2-Dichloropropane	4.471	77	19127	11.194	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	24920	18.528	ug/l	84
28) Bromochloromethane	4.903	49	13681	19.118	ug/l #	80
29) Tetrahydrofuran	5.013	42	50028	102.276	ug/l #	85
30) Chloroform	5.092	83	40908	18.429	ug/l	98
31) Cyclohexane	5.470	56	30005	18.501	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	37716	19.129	ug/l	98
36) 1,1-Dichloropropene	5.690	75	26753	17.709	ug/l	99
37) Ethyl Acetate	4.727	43	29244	18.964	ug/l #	95
38) Carbon Tetrachloride	5.678	117	31766	18.246	ug/l	89
39) Methylcyclohexane	7.379	83	30910	16.328	ug/l	95
40) Benzene	6.037	78	86285	18.203	ug/l	94

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41) Methacrylonitrile	4.928	41	15361	18.837	ug/l #	83
42) 1,2-Dichloroethane	6.092	62	32992	19.270	ug/l	96
43) Isopropyl Acetate	6.348	43	45910	19.034	ug/l #	95
44) Trichloroethene	7.129	130	21073	16.981	ug/l	100
45) 1,2-Dichloropropane	7.427	63	20169	18.975	ug/l	99
46) Dibromomethane	7.580	93	16107	17.793	ug/l	97
47) Bromodichloromethane	7.824	83	29228	17.706	ug/l	95
48) Methyl methacrylate	7.696	41	22569	19.032	ug/l	89
49) 1,4-Dioxane	7.665	88	11256m	397.520	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	155477	97.326	ug/l	96
52) Toluene	8.720	92	53954	17.544	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	26911	16.455	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	29296	16.864	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	21388	17.195	ug/l	94
56) Ethyl methacrylate	9.122	69	33381	18.530	ug/l	91
57) 1,3-Dichloropropane	9.311	76	35728	18.201	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	78108	94.138	ug/l	96
59) 2-Hexanone	9.433	43	120247	97.066	ug/l	94
60) Dibromochloromethane	9.525	129	21433	17.012	ug/l	96
61) 1,2-Dibromoethane	9.610	107	22665	18.364	ug/l	100
64) Tetrachloroethene	9.275	164	17960	17.817	ug/l	99
65) Chlorobenzene	10.079	112	57953	17.639	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	19604	17.861	ug/l	96
67) Ethyl Benzene	10.195	91	99022	17.926	ug/l	98
68) m/p-Xylenes	10.299	106	76911	36.444	ug/l	99
69) o-Xylene	10.640	106	38018	18.221	ug/l	100
70) Styrene	10.659	104	63918	18.126	ug/l	96
71) Bromoform	10.799	173	13526	16.494	ug/l #	97
73) Isopropylbenzene	10.963	105	96261	18.894	ug/l	99
74) N-amyl acetate	10.841	43	38447	19.631	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	33547	19.079	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	27408m	18.012	ug/l	
77) Bromobenzene	11.201	156	23115	18.320	ug/l	94
78) n-propylbenzene	11.305	91	105697	18.606	ug/l	99
79) 2-Chlorotoluene	11.366	91	68953	18.649	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	80433	18.424	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7525	14.637	ug/l	98
82) 4-Chlorotoluene	11.451	91	77633	18.503	ug/l	98
83) tert-Butylbenzene	11.713	119	79349	18.238	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	82077	18.831	ug/l	99
85) sec-Butylbenzene	11.890	105	97776	18.356	ug/l	100
86) p-Isopropyltoluene	12.006	119	78797	17.547	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40972	17.409	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	41525	17.565	ug/l	97
89) n-Butylbenzene	12.335	91	62396	16.981	ug/l	98
90) Hexachloroethane	12.536	117	13443	16.898	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	42343	18.191	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7681	19.633	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	22190	16.605	ug/l	96
94) Hexachlorobutadiene	13.725	225	8633	14.876	ug/l	95
95) Naphthalene	13.774	128	87410	17.141	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23190	16.882	ug/l	97

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

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