

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041343.D
 Acq On : 02 May 2024 10:38
 Operator : JC/MD
 Sample : VX0502WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

Quant Time: May 03 01:34:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	193014	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	276796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97325	46.318	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.640%		
35) Dibromofluoromethane	5.385	113	90233	48.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.200%		
50) Toluene-d8	8.647	98	291743	49.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.280%		
62) 4-Bromofluorobenzene	11.079	95	105678	45.982	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	37769	23.814	ug/l	96
3) Chloromethane	1.301	50	30996	18.887	ug/l	98
4) Vinyl Chloride	1.374	62	33241	21.247	ug/l	99
5) Bromomethane	1.599	94	18526	18.889	ug/l	97
6) Chloroethane	1.666	64	16563	22.801	ug/l	96
7) Trichlorofluoromethane	1.868	101	60036	22.254	ug/l	98
8) Diethyl Ether	2.136	74	20032	21.067	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	32548	21.466	ug/l #	87
10) Methyl Iodide	2.441	142	25672	15.731	ug/l	89
11) Tert butyl alcohol	3.008	59	36730	87.335	ug/l #	89
12) 1,1-Dichloroethene	2.306	96	30558	20.430	ug/l	88
13) Acrolein	2.239	56	33491	100.380	ug/l	97
14) Allyl chloride	2.660	41	56703	22.565	ug/l	98
15) Acrylonitrile	3.069	53	99485	103.645	ug/l	99
16) Acetone	2.392	43	103517	109.678	ug/l	94
17) Carbon Disulfide	2.502	76	73881	21.013	ug/l	99
18) Methyl Acetate	2.703	43	47652	22.166	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	116577	21.381	ug/l	100
20) Methylene Chloride	2.782	84	38367	21.033	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	35382	21.168	ug/l	90
22) Diisopropyl ether	3.764	45	114209	21.445	ug/l	91
23) Vinyl Acetate	3.721	43	520775	109.316	ug/l	96
24) 1,1-Dichloroethane	3.605	63	64534	21.449	ug/l	98
25) 2-Butanone	4.568	43	133914	98.469	ug/l	99
26) 2,2-Dichloropropane	4.471	77	47705	18.964	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	38836	19.623	ug/l	93
28) Bromochloromethane	4.904	49	20926	19.488	ug/l #	80
29) Tetrahydrofuran	5.013	42	89953	101.137	ug/l	95
30) Chloroform	5.093	83	66603	21.278	ug/l	95
31) Cyclohexane	5.458	56	53293	21.015	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	59896	21.032	ug/l	98
36) 1,1-Dichloropropene	5.684	75	39994	17.831	ug/l	96
37) Ethyl Acetate	4.721	43	49245	17.596	ug/l	99
38) Carbon Tetrachloride	5.672	117	46860	18.237	ug/l	96
39) Methylcyclohexane	7.379	83	57551	21.841	ug/l	92
40) Benzene	6.031	78	120902	17.485	ug/l	100

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41) Methacrylonitrile	4.922	41	27293	18.948	ug/l	94
42) 1,2-Dichloroethane	6.086	62	46702	18.430	ug/l	97
43) Isopropyl Acetate	6.342	43	79410	18.872	ug/l	98
44) Trichloroethene	7.123	130	39441	21.602	ug/l	88
45) 1,2-Dichloropropane	7.428	63	31742	20.547	ug/l	100
46) Dibromomethane	7.580	93	25733	20.924	ug/l #	78
47) Bromodichloromethane	7.818	83	44107	20.126	ug/l	97
48) Methyl methacrylate	7.696	41	41574	21.553	ug/l	96
49) 1,4-Dioxane	7.671	88	13702	328.551	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	276177	109.379	ug/l	100
52) Toluene	8.714	92	79363	18.763	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	43701	20.126	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	46710	19.387	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	34542	21.206	ug/l	96
56) Ethyl methacrylate	9.116	69	53345	21.161	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57982	21.328	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	112849	92.321	ug/l	94
59) 2-Hexanone	9.433	43	225637	111.755	ug/l	98
60) Dibromochloromethane	9.519	129	40012	20.865	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38270	21.355	ug/l	99
64) Tetrachloroethene	9.269	164	38544	21.010	ug/l	91
65) Chlorobenzene	10.079	112	107500	20.902	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	36272	19.960	ug/l	97
67) Ethyl Benzene	10.189	91	172832	20.369	ug/l	99
68) m/p-Xylenes	10.299	106	137890	40.581	ug/l	95
69) o-Xylene	10.640	106	62369	19.170	ug/l	95
70) Styrene	10.653	104	103249	19.340	ug/l	96
71) Bromoform	10.799	173	29002	17.833	ug/l #	100
73) Isopropylbenzene	10.957	105	167385	22.336	ug/l	97
74) N-amyl acetate	10.842	43	71832	21.940	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	49859	20.305	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40818m	20.402	ug/l	
77) Bromobenzene	11.195	156	43252	20.450	ug/l	79
78) n-propylbenzene	11.305	91	168343	21.389	ug/l	96
79) 2-Chlorotoluene	11.366	91	103828	20.471	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	127945	20.944	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	13460	18.325	ug/l	98
82) 4-Chlorotoluene	11.451	91	118707	20.616	ug/l	92
83) tert-Butylbenzene	11.713	119	135685	20.741	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	129307	21.036	ug/l	94
85) sec-Butylbenzene	11.890	105	160601	21.422	ug/l	96
86) p-Isopropyltoluene	12.006	119	140666	20.892	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	80134	20.844	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	80778	20.394	ug/l	96
89) n-Butylbenzene	12.329	91	110890	20.482	ug/l	97
90) Hexachloroethane	12.536	117	22454	19.942	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	81129	19.980	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12180	21.465	ug/l	58
93) 1,2,4-Trichlorobenzene	13.585	180	64350	22.672	ug/l	96
94) Hexachlorobutadiene	13.725	225	31797	22.433	ug/l	99
95) Naphthalene	13.774	128	196150	23.320	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67463	23.256	ug/l	95

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

