

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040424\
 Data File : VX040877.D
 Acq On : 04 Apr 2024 10:19
 Operator : JC/MD
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Quant Time: Apr 05 04:06:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	52794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	85633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	79744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	43479	45.899	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.800%		
35) Dibromofluoromethane	5.385	113	29201	48.144	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.280%		
50) Toluene-d8	8.647	98	104994	47.905	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.820%		
62) 4-Bromofluorobenzene	11.079	95	42131	48.136	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	12414	17.348	ug/l	97
3) Chloromethane	1.301	50	11955	19.339	ug/l	94
4) Vinyl Chloride	1.374	62	11802	18.495	ug/l	97
5) Bromomethane	1.611	94	8916	22.711	ug/l	96
6) Chloroethane	1.691	64	7557	18.371	ug/l	98
7) Trichlorofluoromethane	1.892	101	22139	18.124	ug/l	98
8) Diethyl Ether	2.136	74	7061	17.888	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	11277	17.907	ug/l	99
10) Methyl Iodide	2.453	142	13438	17.591	ug/l	98
11) Tert butyl alcohol	2.947	59	13531	78.239	ug/l #	93
12) 1,1-Dichloroethene	2.325	96	10355	17.532	ug/l	93
13) Acrolein	2.233	56	6836	72.412	ug/l	96
14) Allyl chloride	2.666	41	18222	17.222	ug/l	88
15) Acrylonitrile	3.062	53	31677	86.827	ug/l	98
16) Acetone	2.374	43	33045	89.841	ug/l	97
17) Carbon Disulfide	2.514	76	27935	16.349	ug/l	97
18) Methyl Acetate	2.703	43	14180	16.250	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	35351	17.004	ug/l	99
20) Methylene Chloride	2.788	84	11415	16.746	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	10576	16.953	ug/l	92
22) Diisopropyl ether	3.757	45	36438	17.696	ug/l	99
23) Vinyl Acetate	3.721	43	175179	88.765	ug/l	98
24) 1,1-Dichloroethane	3.611	63	20484	17.413	ug/l	98
25) 2-Butanone	4.550	43	47743	87.379	ug/l	99
26) 2,2-Dichloropropane	4.477	77	17583	17.409	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	13100	18.185	ug/l	96
28) Bromochloromethane	4.891	49	10169	19.225	ug/l	99
29) Tetrahydrofuran	4.995	42	30082	84.705	ug/l	99
30) Chloroform	5.093	83	22873	17.864	ug/l	95
31) Cyclohexane	5.471	56	17435	17.345	ug/l #	95
32) 1,1,1-Trichloroethane	5.379	97	20362	17.896	ug/l	97
36) 1,1-Dichloropropene	5.696	75	15455	17.933	ug/l	98
37) Ethyl Acetate	4.708	43	19145	18.091	ug/l	97
38) Carbon Tetrachloride	5.672	117	17794	18.651	ug/l	92
39) Methylcyclohexane	7.379	83	17798	17.284	ug/l	100
40) Benzene	6.037	78	43641	18.245	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	9514	17.505	ug/l	93
42) 1,2-Dichloroethane	6.086	62	18600	17.903	ug/l	97
43) Isopropyl Acetate	6.330	43	29170	17.848	ug/l	97
44) Trichloroethene	7.129	130	10803	18.083	ug/l	94
45) 1,2-Dichloropropane	7.428	63	10935	19.150	ug/l	99
46) Dibromomethane	7.580	93	8951	19.125	ug/l	96
47) Bromodichloromethane	7.818	83	17664	18.140	ug/l	98
48) Methyl methacrylate	7.690	41	15191	18.981	ug/l	94
49) 1,4-Dioxane	7.653	88	5448	356.726	ug/l #	94
51) 4-Methyl-2-Pentanone	8.568	43	97433	89.877	ug/l	96
52) Toluene	8.714	92	27245	18.051	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	16695	17.356	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	17825	18.461	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	10786	18.312	ug/l	97
56) Ethyl methacrylate	9.116	69	18015	17.812	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	18704	18.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	45256	92.299	ug/l	97
59) 2-Hexanone	9.427	43	77802	89.487	ug/l	95
60) Dibromochloromethane	9.519	129	12947	18.413	ug/l	98
61) 1,2-Dibromoethane	9.604	107	11365	17.884	ug/l	98
64) Tetrachloroethene	9.275	164	9521	18.042	ug/l	98
65) Chlorobenzene	10.079	112	30323	17.387	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	10875	18.786	ug/l	97
67) Ethyl Benzene	10.189	91	55638	17.889	ug/l	94
68) m/p-Xylenes	10.299	106	40414	35.713	ug/l	90
69) o-Xylene	10.640	106	19449	18.243	ug/l	90
70) Styrene	10.653	104	34280	18.556	ug/l	98
71) Bromoform	10.799	173	8831	18.067	ug/l #	98
73) Isopropylbenzene	10.963	105	53596	18.092	ug/l	100
74) N-amyl acetate	10.842	43	25481	16.982	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	17856	17.628	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	16109m	17.811	ug/l	
77) Bromobenzene	11.195	156	12172	17.516	ug/l	96
78) n-propylbenzene	11.305	91	66018	17.832	ug/l	97
79) 2-Chlorotoluene	11.360	91	39700	17.968	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	45682	18.055	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5580	16.645	ug/l	96
82) 4-Chlorotoluene	11.451	91	45932	17.412	ug/l	99
83) tert-Butylbenzene	11.713	119	44087	17.564	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	46515	18.250	ug/l	98
85) sec-Butylbenzene	11.890	105	56620	17.761	ug/l	100
86) p-Isopropyltoluene	12.006	119	48470	18.128	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	24763	17.629	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	25285	16.965	ug/l	99
89) n-Butylbenzene	12.329	91	47504	17.984	ug/l	95
90) Hexachloroethane	12.536	117	8289	17.796	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	23477	17.054	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4531	17.408	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	16075	16.844	ug/l	98
94) Hexachlorobutadiene	13.725	225	6133	16.776	ug/l	98
95) Naphthalene	13.774	128	53055	17.266	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15416	16.933	ug/l	97

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

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