

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043193.D
 Acq On : 30 Sep 2024 13:05
 Operator : JC/MD
 Sample : VX0930WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBS01

Quant Time: Oct 01 01:49:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	183453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83946	48.413	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.820%		
35) Dibromofluoromethane	5.385	113	63210	48.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.680%		
50) Toluene-d8	8.647	98	208528	47.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.260%		
62) 4-Bromofluorobenzene	11.079	95	79793	45.254	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19194	17.242	ug/l	97
3) Chloromethane	1.294	50	19641	17.281	ug/l	95
4) Vinyl Chloride	1.374	62	21169	18.336	ug/l	96
5) Bromomethane	1.599	94	8274	12.458	ug/l	96
6) Chloroethane	1.666	64	9657	13.065	ug/l	99
7) Trichlorofluoromethane	1.873	101	35583	17.364	ug/l	94
8) Diethyl Ether	2.136	74	13531	19.667	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22303	19.283	ug/l	99
10) Methyl Iodide	2.447	142	26791	19.488	ug/l	99
11) Tert butyl alcohol	2.989	59	35519	91.745	ug/l	100
12) 1,1-Dichloroethene	2.312	96	20454	18.488	ug/l	92
13) Acrolein	2.239	56	3823	74.953	ug/l	99
14) Allyl chloride	2.660	41	37135	18.077	ug/l	99
15) Acrylonitrile	3.068	53	68183	101.529	ug/l	99
16) Acetone	2.386	43	71889	88.653	ug/l	99
17) Carbon Disulfide	2.508	76	39933	14.521	ug/l	98
18) Methyl Acetate	2.709	43	51776	23.722	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	86405	20.497	ug/l	96
20) Methylene Chloride	2.788	84	24711	19.154	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	20509	17.916	ug/l	95
22) Diisopropyl ether	3.763	45	78863	20.502	ug/l	94
23) Vinyl Acetate	3.721	43	442594	97.811	ug/l	100
24) 1,1-Dichloroethane	3.605	63	44495	20.007	ug/l	99
25) 2-Butanone	4.562	43	100596	96.236	ug/l	97
26) 2,2-Dichloropropane	4.471	77	43285	19.229	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27770	19.486	ug/l	98
28) Bromochloromethane	4.897	49	21916	22.386	ug/l #	98
29) Tetrahydrofuran	5.007	42	63607	101.181	ug/l	99
30) Chloroform	5.086	83	49211	20.068	ug/l	98
31) Cyclohexane	5.458	56	31145	18.264	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	44475	19.147	ug/l	100
36) 1,1-Dichloropropene	5.696	75	29588	18.607	ug/l	99
37) Ethyl Acetate	4.721	43	38006	19.028	ug/l	99
38) Carbon Tetrachloride	5.672	117	36192	17.668	ug/l	98
39) Methylcyclohexane	7.379	83	34881	17.478	ug/l	98
40) Benzene	6.037	78	91468	19.493	ug/l	98

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41) Methacrylonitrile	4.922	41	20377	20.521	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39317	19.734	ug/l	100
43) Isopropyl Acetate	6.342	43	64853	19.439	ug/l	100
44) Trichloroethene	7.123	130	24574	19.141	ug/l	99
45) 1,2-Dichloropropane	7.427	63	22863	19.562	ug/l	100
46) Dibromomethane	7.580	93	18993	19.299	ug/l	98
47) Bromodichloromethane	7.818	83	38244	18.688	ug/l	97
48) Methyl methacrylate	7.696	41	31476	19.208	ug/l	96
49) 1,4-Dioxane	7.665	88	12814	414.230	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	204048	99.558	ug/l	100
52) Toluene	8.714	92	58166	19.249	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	38398	18.278	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	39801	18.971	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	24972	20.071	ug/l	98
56) Ethyl methacrylate	9.116	69	41740	19.279	ug/l	99
57) 1,3-Dichloropropane	9.305	76	42849	20.248	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	78359	89.511	ug/l	98
59) 2-Hexanone	9.433	43	154058	96.131	ug/l	100
60) Dibromochloromethane	9.518	129	29253	18.004	ug/l	100
61) 1,2-Dibromoethane	9.610	107	26540	19.495	ug/l	100
64) Tetrachloroethene	9.268	164	21024	18.410	ug/l	96
65) Chlorobenzene	10.079	112	65851	19.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	24876	19.835	ug/l	100
67) Ethyl Benzene	10.195	91	115321	19.607	ug/l	100
68) m/p-Xylenes	10.299	106	87106	39.796	ug/l	99
69) o-Xylene	10.640	106	43337	19.740	ug/l	97
70) Styrene	10.652	104	71396	19.497	ug/l	99
71) Bromoform	10.799	173	19369	17.559	ug/l #	98
73) Isopropylbenzene	10.963	105	112767	20.770	ug/l	99
74) N-amyl acetate	10.841	43	53246	20.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	39159	22.414	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32909m	21.381	ug/l	
77) Bromobenzene	11.195	156	27211	20.877	ug/l	99
78) n-propylbenzene	11.305	91	123979	20.127	ug/l	100
79) 2-Chlorotoluene	11.366	91	78603	20.344	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	93247	20.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12256	18.972	ug/l	96
82) 4-Chlorotoluene	11.451	91	89438	20.253	ug/l	99
83) tert-Butylbenzene	11.713	119	96837	20.920	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	94199	21.078	ug/l	98
85) sec-Butylbenzene	11.890	105	115461	20.295	ug/l	100
86) p-Isopropyltoluene	12.006	119	95576	20.235	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47840	20.130	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	48991	20.557	ug/l	98
89) n-Butylbenzene	12.329	91	76758	18.647	ug/l	99
90) Hexachloroethane	12.536	117	18214	19.350	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	49294	21.061	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9086	19.235	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	27069	18.655	ug/l	98
94) Hexachlorobutadiene	13.725	225	11254	18.460	ug/l	99
95) Naphthalene	13.774	128	103563	20.533	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28692	19.902	ug/l	98

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

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