

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043295.D
 Acq On : 04 Oct 2024 17:34
 Operator : JC/MD
 Sample : P4263-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20240930MSD

Quant Time: Oct 04 23:35:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2024
 Supervised By :Mahesh Dadoda 10/07/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75833	49.436	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.880%		
35) Dibromofluoromethane	5.385	113	55560	48.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.000%		
50) Toluene-d8	8.647	98	192528	48.496	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.000%		
62) 4-Bromofluorobenzene	11.079	95	70649	48.985	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56781	51.972	ug/l	97
3) Chloromethane	1.294	50	56054	49.817	ug/l	99
4) Vinyl Chloride	1.374	62	57378	50.909	ug/l	98
5) Bromomethane	1.599	94	23519	51.077	ug/l	99
6) Chloroethane	1.666	64	26661	63.522	ug/l	98
7) Trichlorofluoromethane	1.873	101	86849	51.573	ug/l	96
8) Diethyl Ether	2.136	74	34385	52.470	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	77464	73.713	ug/l	100
10) Methyl Iodide	2.447	142	69664	52.779	ug/l	99
11) Tert butyl alcohol	2.989	59	92301	316.204	ug/l	99
12) 1,1-Dichloroethene	2.312	96	61371	58.809	ug/l	99
13) Acrolein	2.239	56	75191	272.725	ug/l	99
14) Allyl chloride	2.660	41	88531	51.638	ug/l	99
15) Acrylonitrile	3.068	53	166631	279.559	ug/l	100
16) Acetone	2.392	43	153374	239.425	ug/l	98
17) Carbon Disulfide	2.507	76	115531	45.516	ug/l	98
18) Methyl Acetate	2.709	43	90115	56.076	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	199996	53.568	ug/l	100
20) Methylene Chloride	2.788	84	61103	51.733	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	53408	51.424	ug/l	98
22) Diisopropyl ether	3.763	45	187152	54.272	ug/l	97
23) Vinyl Acetate	3.721	43	1080286	269.097	ug/l	99
24) 1,1-Dichloroethane	3.605	63	110140	54.825	ug/l	98
25) 2-Butanone	4.562	43	243048	276.713	ug/l	98
26) 2,2-Dichloropropane	4.477	77	89271	46.704	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	71156	54.935	ug/l	98
28) Bromochloromethane	4.897	49	34942	44.087	ug/l	99
29) Tetrahydrofuran	5.007	42	156629	279.924	ug/l	99
30) Chloroform	5.092	83	119989	54.388	ug/l	98
31) Cyclohexane	5.464	56	83182	50.255	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	106676	52.644	ug/l	99
36) 1,1-Dichloropropene	5.690	75	73530	50.807	ug/l	99
37) Ethyl Acetate	4.714	43	89083	51.257	ug/l	99
38) Carbon Tetrachloride	5.678	117	93492	54.570	ug/l	99
39) Methylcyclohexane	7.379	83	90842	49.908	ug/l	98
40) Benzene	6.037	78	227451	51.837	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50625	55.958	ug/l	98
42) 1,2-Dichloroethane	6.080	62	96711	54.088	ug/l	100
43) Isopropyl Acetate	6.342	43	153104	53.335	ug/l	100
44) Trichloroethene	7.123	130	547570	470.493	ug/l	94
45) 1,2-Dichloropropane	7.427	63	56990	52.925	ug/l	97
46) Dibromomethane	7.580	93	46116	53.445	ug/l	98
47) Bromodichloromethane	7.818	83	91347	53.847	ug/l	99
48) Methyl methacrylate	7.696	41	76247	54.134	ug/l	99
49) 1,4-Dioxane	7.665	88	34205	1249.293	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	488013	279.909	ug/l	99
52) Toluene	8.720	92	144578	52.573	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	92319	54.765	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	95118	52.609	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	60411	55.275	ug/l	98
56) Ethyl methacrylate	9.116	69	99389	55.624	ug/l	98
57) 1,3-Dichloropropane	9.305	76	99840	53.636	ug/l	99
59) 2-Hexanone	9.433	43	373959	283.638	ug/l	99
60) Dibromochloromethane	9.518	129	66663	52.578	ug/l	97
61) 1,2-Dibromoethane	9.610	107	63300	53.907	ug/l	100
64) Tetrachloroethene	9.275	164	50563	50.463	ug/l	96
65) Chlorobenzene	10.079	112	161296	51.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	59623	54.314	ug/l	99
67) Ethyl Benzene	10.195	91	284501	53.019	ug/l	99
68) m/p-Xylenes	10.299	106	211533	104.313	ug/l	99
69) o-Xylene	10.640	106	104343	51.781	ug/l	99
70) Styrene	10.652	104	175339	53.691	ug/l	100
71) Bromoform	10.799	173	45208	53.760	ug/l #	98
73) Isopropylbenzene	10.963	105	276349	53.231	ug/l	100
74) N-amyl acetate	10.841	43	124769	50.627	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	90502	53.512	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77371m	52.237	ug/l	
77) Bromobenzene	11.195	156	65634	51.950	ug/l	100
78) n-propylbenzene	11.305	91	307580	53.968	ug/l	100
79) 2-Chlorotoluene	11.366	91	189745	51.786	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	227361	53.090	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	29161	51.025	ug/l	99
82) 4-Chlorotoluene	11.451	91	218425	52.331	ug/l	100
83) tert-Butylbenzene	11.713	119	230774	52.305	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	225601	52.356	ug/l	98
85) sec-Butylbenzene	11.890	105	276375	52.841	ug/l	100
86) p-Isopropyltoluene	12.006	119	231595	53.073	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	114878	51.618	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	116607	50.820	ug/l	99
89) n-Butylbenzene	12.329	91	195764	53.586	ug/l	100
90) Hexachloroethane	12.536	117	42450	51.871	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	116900	51.361	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21959	53.179	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	68780	52.419	ug/l	99
94) Hexachlorobutadiene	13.725	225	27306	52.496	ug/l	99
95) Naphthalene	13.774	128	247406	51.290	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69156	51.083	ug/l	97

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

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