

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043294.D
 Acq On : 04 Oct 2024 17:10
 Operator : JC/MD
 Sample : P4263-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20240930MS

Quant Time: Oct 04 23:34:13 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	98205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78667	49.049	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.100%		
35) Dibromofluoromethane	5.379	113	56962	46.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.120%		
50) Toluene-d8	8.647	98	200051	47.187	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.380%		
62) 4-Bromofluorobenzene	11.079	95	72705	47.205	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	55672	48.736	ug/l	95
3) Chloromethane	1.295	50	56297	47.852	ug/l	99
4) Vinyl Chloride	1.374	62	57671	48.939	ug/l	95
5) Bromomethane	1.599	94	22309	46.338	ug/l	95
6) Chloroethane	1.666	64	22919	52.227	ug/l	99
7) Trichlorofluoromethane	1.874	101	86640	49.208	ug/l	98
8) Diethyl Ether	2.136	74	33634	49.087	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	74726	68.009	ug/l	99
10) Methyl Iodide	2.447	142	69560	50.404	ug/l	100
11) Tert butyl alcohol	2.995	59	95603	313.245	ug/l	98
12) 1,1-Dichloroethene	2.313	96	59075	54.143	ug/l	98
13) Acrolein	2.240	56	74292	257.723	ug/l	99
14) Allyl chloride	2.660	41	85911	47.926	ug/l	99
15) Acrylonitrile	3.069	53	164690	264.263	ug/l	99
16) Acetone	2.392	43	149252	222.839	ug/l	100
17) Carbon Disulfide	2.502	76	111135	41.876	ug/l	100
18) Methyl Acetate	2.709	43	88444	52.639	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	197935	50.706	ug/l	99
20) Methylene Chloride	2.788	84	59849	48.464	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	52696	48.527	ug/l	94
22) Diisopropyl ether	3.764	45	184105	51.062	ug/l	99
23) Vinyl Acetate	3.721	43	1065569	255.078	ug/l	99
24) 1,1-Dichloroethane	3.605	63	107916	51.377	ug/l	99
25) 2-Butanone	4.562	43	238955	260.199	ug/l	99
26) 2,2-Dichloropropane	4.471	77	89244	44.656	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	69174	51.078	ug/l	99
28) Bromochloromethane	4.898	49	39078	47.157	ug/l	99
29) Tetrahydrofuran	5.007	42	152631	260.893	ug/l	99
30) Chloroform	5.093	83	117860	51.095	ug/l	97
31) Cyclohexane	5.465	56	79696	46.051	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	104844	49.485	ug/l	100
36) 1,1-Dichloropropene	5.690	75	71137	46.028	ug/l	100
37) Ethyl Acetate	4.715	43	87954	47.390	ug/l	99
38) Carbon Tetrachloride	5.672	117	91524	50.024	ug/l	98
39) Methylcyclohexane	7.379	83	86622	44.563	ug/l	99
40) Benzene	6.038	78	221167	47.199	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50454	52.223	ug/l	99
42) 1,2-Dichloroethane	6.086	62	93821	49.135	ug/l	100
43) Isopropyl Acetate	6.342	43	149316	48.708	ug/l	99
44) Trichloroethene	7.123	130	539629	434.186	ug/l	93
45) 1,2-Dichloropropane	7.428	63	54689	47.559	ug/l	97
46) Dibromomethane	7.580	93	44470	48.260	ug/l	99
47) Bromodichloromethane	7.824	83	86627	47.818	ug/l	100
48) Methyl methacrylate	7.696	41	74434	49.486	ug/l	99
49) 1,4-Dioxane	7.665	88	34104	1166.399	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	475126	255.189	ug/l	100
52) Toluene	8.714	92	141343	48.129	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	88070	48.922	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	92391	47.852	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	59192	50.716	ug/l	98
56) Ethyl methacrylate	9.116	69	97899	51.306	ug/l	100
57) 1,3-Dichloropropane	9.305	76	98185	49.393	ug/l	99
59) 2-Hexanone	9.433	43	362827	257.696	ug/l	99
60) Dibromochloromethane	9.519	129	65132	48.104	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62409	49.769	ug/l	97
64) Tetrachloroethene	9.275	164	48857	45.492	ug/l	94
65) Chlorobenzene	10.080	112	156258	46.959	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	56690	48.181	ug/l	100
67) Ethyl Benzene	10.195	91	276213	48.024	ug/l	98
68) m/p-Xylenes	10.299	106	205197	94.406	ug/l	99
69) o-Xylene	10.640	106	101935	47.195	ug/l	99
70) Styrene	10.653	104	170843	48.808	ug/l	100
71) Bromoform	10.799	173	43626	48.401	ug/l #	100
73) Isopropylbenzene	10.964	105	265057	47.748	ug/l	100
74) N-amyl acetate	10.842	43	122425	46.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	89955	49.742	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76305m	48.180	ug/l	
77) Bromobenzene	11.195	156	62305	46.120	ug/l	97
78) n-propylbenzene	11.305	91	297424	48.805	ug/l	100
79) 2-Chlorotoluene	11.366	91	184021	46.969	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	218486	47.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28135	46.040	ug/l	94
82) 4-Chlorotoluene	11.451	91	209897	47.029	ug/l	99
83) tert-Butylbenzene	11.713	119	221183	46.884	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	219298	47.596	ug/l	98
85) sec-Butylbenzene	11.890	105	266664	47.681	ug/l	99
86) p-Isopropyltoluene	12.006	119	224658	48.148	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	113678	47.769	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	112659	45.918	ug/l	98
89) n-Butylbenzene	12.329	91	189242	48.445	ug/l	99
90) Hexachloroethane	12.536	117	41241	47.129	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	114521	47.056	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21928	49.664	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	67077	47.809	ug/l	99
94) Hexachlorobutadiene	13.725	225	26192	47.092	ug/l	97
95) Naphthalene	13.774	128	235538	45.666	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67489	46.622	ug/l	99

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

