

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032625\
 Data File : VX045467.D
 Acq On : 26 Mar 2025 14:06
 Operator : JC/MD
 Sample : Q1629-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20250320MS

Quant Time: Mar 27 01:38:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	79755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68108	53.687	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.380%			
35) Dibromofluoromethane	5.379	113	48275	49.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.660%			
50) Toluene-d8	8.647	98	164889	46.477	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.960%			
62) 4-Bromofluorobenzene	11.079	95	60102	51.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46532	46.350	ug/l	98
3) Chloromethane	1.301	50	50060	40.746	ug/l	96
4) Vinyl Chloride	1.374	62	49466	40.586	ug/l	98
5) Bromomethane	1.593	94	22020	45.959	ug/l	96
6) Chloroethane	1.660	64	24283	43.195	ug/l	97
7) Trichlorofluoromethane	1.867	101	75513	46.802	ug/l	99
8) Diethyl Ether	2.136	74	28463	45.102	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	50794	54.797	ug/l	98
10) Methyl Iodide	2.441	142	57932	50.010	ug/l	93
11) Tert butyl alcohol	2.995	59	60816	253.087	ug/l	98
12) 1,1-Dichloroethene	2.306	96	46906	47.862	ug/l	91
13) Acrolein	2.239	56	77953	280.632	ug/l	99
14) Allyl chloride	2.654	41	91634	52.528	ug/l	94
15) Acrylonitrile	3.068	53	175382	272.322	ug/l	99
16) Acetone	2.386	43	165202	280.669	ug/l	95
17) Carbon Disulfide	2.495	76	89593	34.324	ug/l	99
18) Methyl Acetate	2.709	43	101259	71.511	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	177897	54.106	ug/l	96
20) Methylene Chloride	2.782	84	57196	49.055	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	46380	47.904	ug/l	95
22) Diisopropyl ether	3.763	45	190132	53.591	ug/l	97
23) Vinyl Acetate	3.721	43	761827	257.312	ug/l	100
24) 1,1-Dichloroethane	3.605	63	104747	52.681	ug/l	100
25) 2-Butanone	4.562	43	256278	289.256	ug/l	98
26) 2,2-Dichloropropane	4.465	77	68798	73.768	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	60400	50.536	ug/l	91
28) Bromochloromethane	4.891	49	50738	53.536	ug/l	98
29) Tetrahydrofuran	5.007	42	157811	265.234	ug/l	100
30) Chloroform	5.086	83	109031	55.188	ug/l	97
31) Cyclohexane	5.464	56	79780	46.223	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	88281	55.326	ug/l	98
36) 1,1-Dichloropropene	5.684	75	65083	48.495	ug/l	99
37) Ethyl Acetate	4.715	43	87939	50.852	ug/l	98
38) Carbon Tetrachloride	5.672	117	72318	53.077	ug/l	99
39) Methylcyclohexane	7.373	83	78668	48.920	ug/l	95
40) Benzene	6.031	78	210492	49.669	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53883	57.624	ug/l	99
42) 1,2-Dichloroethane	6.080	62	89136	58.409	ug/l	96
43) Isopropyl Acetate	6.342	43	139297	54.473	ug/l	99
44) Trichloroethene	7.123	130	53208	53.470	ug/l	97
45) 1,2-Dichloropropane	7.427	63	55967	51.364	ug/l	96
46) Dibromomethane	7.580	93	42626	55.348	ug/l	95
47) Bromodichloromethane	7.818	83	85047	56.299	ug/l	98
48) Methyl methacrylate	7.690	41	75585	58.917	ug/l	93
49) 1,4-Dioxane	7.665	88	31254	1154.916	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	495132	288.370	ug/l	99
52) Toluene	8.714	92	128286	51.594	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	71333	56.484	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	81244	55.168	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	54781	53.517	ug/l	99
56) Ethyl methacrylate	9.116	69	88064	56.598	ug/l	92
57) 1,3-Dichloropropane	9.305	76	94297	53.232	ug/l	99
59) 2-Hexanone	9.433	43	369120	296.710	ug/l	98
60) Dibromochloromethane	9.519	129	60161	56.210	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54681	53.511	ug/l	98
64) Tetrachloroethene	9.269	164	40543	49.320	ug/l	97
65) Chlorobenzene	10.079	112	140765	51.830	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	48742	53.892	ug/l	97
67) Ethyl Benzene	10.189	91	251811	53.212	ug/l	98
68) m/p-Xylenes	10.299	106	179991	103.899	ug/l	94
69) o-Xylene	10.640	106	90251	51.655	ug/l	96
70) Styrene	10.652	104	152690	54.010	ug/l	97
71) Bromoform	10.799	173	37444	54.901	ug/l #	99
73) Isopropylbenzene	10.957	105	237533	51.783	ug/l	100
74) N-amyl acetate	10.841	43	114520	53.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	87521	51.994	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	72015m	52.648	ug/l	
77) Bromobenzene	11.195	156	53862	49.767	ug/l	95
78) n-propylbenzene	11.305	91	274062	52.890	ug/l	98
79) 2-Chlorotoluene	11.360	91	169636	51.404	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	196564	52.996	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20862	52.194	ug/l #	82
82) 4-Chlorotoluene	11.451	91	190526	52.974	ug/l	98
83) tert-Butylbenzene	11.713	119	198359	52.050	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	198088	53.078	ug/l	96
85) sec-Butylbenzene	11.890	105	244804	53.627	ug/l	99
86) p-Isopropyltoluene	12.006	119	197358	53.497	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	97338	50.415	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	97630	49.981	ug/l	98
89) n-Butylbenzene	12.329	91	172306	54.229	ug/l	99
90) Hexachloroethane	12.536	117	35355	52.984	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	101203	52.253	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19915	60.728	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	57177	51.846	ug/l	99
94) Hexachlorobutadiene	13.725	225	23184	51.276	ug/l	99
95) Naphthalene	13.774	128	219209	51.735	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59466	51.113	ug/l	99

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

