

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062065.D
 Acq On : 27 Nov 2024 21:05
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050097

Quant Time: Nov 28 01:40:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	157413	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	146216	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	75119	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50505	46.307	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.620%		
7) Chloroethane-d5	1.907	69	33399	42.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.980%		
11) 1,1-Dichloroethene-d2	2.563	63	92819	44.886	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.780%		
21) 2-Butanone-d5	4.618	46	77293	104.288	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.290%		
24) Chloroform-d	5.052	84	106805	46.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.840%		
26) 1,2-Dichloroethane-d4	5.689	65	68764	47.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.700%		
32) Benzene-d6	5.718	84	203700	48.718	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.440%		
36) 1,2-Dichloropropane-d6	6.679	67	63120	48.038	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.080%		
41) Toluene-d8	7.888	98	187868	48.536	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.080%		
43) trans-1,3-Dichloroprop...	8.171	79	32013	48.751	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.500%		
47) 2-Hexanone-d5	8.627	63	51665	104.381	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.380%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	93866	49.089	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.180%		
66) 1,2-Dichlorobenzene-d4	12.184	152	72066	48.766	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	61298	40.783	ug/L	99
3) Chloromethane	1.518	50	56014	45.225	ug/L	99
5) Vinyl chloride	1.602	62	56073	43.897	ug/L	99
6) Bromomethane	1.853	94	32439	46.235	ug/L	99
8) Chloroethane	1.927	64	28754	39.078	ug/L	98
9) Trichlorofluoromethane	2.132	101	82237	42.111	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	42897	39.179	ug/L	99
12) 1,1-Dichloroethene	2.573	96	42690	42.866	ug/L	90
13) Acetone	2.631	43	55969	63.062	ug/L	98
14) Carbon disulfide	2.788	76	130191	43.457	ug/L	99
15) Methyl Acetate	2.946	43	49386	45.118	ug/L	100
16) Methylene chloride	3.039	84	50397	44.386	ug/L	96
17) trans-1,2-Dichloroethene	3.345	96	45527	44.469	ug/L	98
18) Methyl tert-butyl Ether	3.354	73	146573	42.480	ug/L	99
19) 1,1-Dichloroethane	3.859	63	83153	42.386	ug/L	98
20) cis-1,2-Dichloroethene	4.657	96	51516	44.176	ug/L	99
22) 2-Butanone	4.698	43	72671	75.917	ug/L	94
23) Bromochloromethane	4.965	128	26928	44.400	ug/L	96
25) Chloroform	5.078	83	92982	43.672	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	73472	43.206	ug/L	98
29) Cyclohexane	5.380	56	68824	41.204	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	80150	42.377	ug/L	99
31) Carbon tetrachloride	5.515	117	71846	42.507	ug/L	98
33) Benzene	5.766	78	191430	43.999	ug/L	100
34) Trichloroethene	6.534	95	51262	43.149	ug/L	98
35) Methylcyclohexane	6.753	83	68226	37.883	ug/L	99
37) 1,2-Dichloropropane	6.779	63	51118	44.401	ug/L	100
38) Bromodichloromethane	7.094	83	68545	44.189	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	81505	43.843	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	131707	91.580	ug/L	100
42) Toluene	7.959	91	204343	43.933	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	76634	44.579	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	51502	45.076	ug/L	98
46) Tetrachloroethene	8.544	164	36642	40.590	ug/L	98
48) 2-Hexanone	8.676	43	109546	90.357	ug/L	97
49) Dibromochloromethane	8.801	129	52186	43.712	ug/L	100
50) 1,2-Dibromoethane	8.914	107	56173	45.259	ug/L	100
51) Chlorobenzene	9.438	112	128078	43.590	ug/L	98
52) Ethylbenzene	9.560	91	218218	42.708	ug/L	98
53) m,p-Xylene	9.685	106	81772	43.279	ug/L	100
54) o-Xylene	10.090	106	80181	43.379	ug/L	99
55) Styrene	10.106	104	136013	43.735	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	83867	44.478	ug/L	99
59) Bromoform	10.280	173	41279	43.590	ug/L	99
60) 1,2,3-Trichloropropane	10.811	75	67925	44.249	ug/L	99
61) Isopropylbenzene	10.473	105	212437	42.004	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	177296	41.174	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	174289	42.036	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	96491	41.286	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	98132	41.369	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	97181	42.097	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	20022	46.281	ug/L	92
69) 1,3,5-Trichlorobenzene	13.209	180	64018	38.908	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	56158	39.977	ug/L	100
71) Naphthalene	14.077	128	171587	45.080	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	55387	40.845	ug/L	96

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

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