

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
 Data File : VX043887.D
 Acq On : 15 Nov 2024 19:31
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050790

Quant Time: Nov 16 00:13:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 03:21:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	231658	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	357061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	105502	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65751	45.710	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.420%		
7) Chloroethane-d5	1.642	69	47702	49.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.420%		
11) 1,1-Dichloroethene-d2	2.294	65	32975	50.809	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.620%		
21) 2-Butanone-d5	4.458	46	77186	100.906	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.910%		
24) Chloroform-d	5.050	84	153659	50.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.420%		
26) 1,2-Dichloroethane-d4	5.952	65	97070	49.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.340%		
32) Benzene-d6	5.964	84	281594	28.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	56.700%#		
36) 1,2-Dichloropropane-d6	7.306	67	78757	27.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	55.680%#		
41) Toluene-d8	8.647	98	276231	29.407	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	58.820%#		
43) trans-1,3-Dichloroprop...	8.952	79	43357	30.408	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.820%		
47) 2-Hexanone-d5	9.384	63	111761	107.236	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.240%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	143772	36.930	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	73.860%		
66) 1,2-Dichlorobenzene-d4	12.317	152	105668	48.010	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82000	47.549	ug/L	99
3) Chloromethane	1.294	50	63613	45.725	ug/L	99
5) Vinyl chloride	1.374	62	68881	46.164	ug/L	99
6) Bromomethane	1.593	94	46996	47.641	ug/L	99
8) Chloroethane	1.660	64	38263	47.150	ug/L	95
9) Trichlorofluoromethane	1.867	101	175841	65.293	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	72815	47.934	ug/L	99
12) 1,1-Dichloroethene	2.306	96	67513	48.358	ug/L #	79
13) Acetone	2.386	43	60656	66.087	ug/L	98
14) Carbon disulfide	2.502	76	136902	46.489	ug/L	98
15) Methyl Acetate	2.703	43	61244	48.437	ug/L	100
16) Methylene chloride	2.782	84	72246	47.376	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	67840	48.207	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	238102	48.538	ug/L	98
19) 1,1-Dichloroethane	3.605	63	119699	48.241	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	80035	47.393	ug/L	92
22) 2-Butanone	4.562	43	83262	83.526	ug/L	98
23) Bromochloromethane	4.897	128	43136	47.530	ug/L	93
25) Chloroform	5.086	83	140399	48.835	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	108250	48.023	ug/L	98
29) Cyclohexane	5.464	56	99530	26.825	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	126626	28.457	ug/L	100
31) Carbon tetrachloride	5.672	117	107941	28.111	ug/L	99
33) Benzene	6.031	78	271731	27.895	ug/L	100
34) Trichloroethene	7.123	95	77189	23.872	ug/L	97
35) Methylcyclohexane	7.379	83	108996	26.374	ug/L	98
37) 1,2-Dichloropropane	7.427	63	66176	27.844	ug/L	99
38) Bromodichloromethane	7.818	83	97872	29.687	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	120485	29.946	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	171881	61.362	ug/L	99
42) Toluene	8.714	91	308776	29.047	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	154636	41.437	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	122158	44.604	ug/L	96
46) Tetrachloroethene	9.275	164	95585	41.096	ug/L	97
48) 2-Hexanone	9.433	43	238789	103.578	ug/L	98
49) Dibromochloromethane	9.519	129	117871	43.762	ug/L	99
50) 1,2-Dibromoethane	9.610	107	126032	42.803	ug/L	100
51) Chlorobenzene	10.079	112	355922	49.008	ug/L	98
52) Ethylbenzene	10.189	91	585521	50.349	ug/L	98
53) m,p-Xylene	10.299	106	206711	44.216	ug/L	97
54) o-Xylene	10.640	106	206673	44.402	ug/L	99
55) Styrene	10.652	104	349604	46.147	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	136967	34.676	ug/L	98
59) Bromoform	10.799	173	71012	64.996	ug/L	97
60) Isopropylbenzene	10.963	105	403790	56.899	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	104984	58.336	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	304043	50.877	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	296532	49.844	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	158335	46.964	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	158790	47.157	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	163294	47.501	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	22237	51.129	ug/L	87
69) 1,3,5-Trichlorobenzene	13.109	180	107124	47.412	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	96294	47.629	ug/L	99
71) Naphthalene	13.774	128	342952	48.671	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	102192	49.231	ug/L	96

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

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