

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122724\
 Data File : VX044509.D
 Acq On : 27 Dec 2024 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050809

Quant Time: Dec 27 21:59:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 03:37:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	193479	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	176611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	92913	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	84313	47.619	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.240%		
7) Chloroethane-d5	1.648	69	58350	42.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.080%		
11) 1,1-Dichloroethene-d2	2.294	65	35213	46.503	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.000%		
21) 2-Butanone-d5	4.458	46	94531	87.204	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.200%		
24) Chloroform-d	5.044	84	156982	46.697	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.400%		
26) 1,2-Dichloroethane-d4	5.946	65	102192	42.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.980%		
32) Benzene-d6	5.964	84	292334	47.904	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.800%		
36) 1,2-Dichloropropane-d6	7.299	67	88175	46.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.060%		
41) Toluene-d8	8.641	98	262157	46.461	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.920%		
43) trans-1,3-Dichloroprop...	8.945	79	39498	43.376	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.760%		
47) 2-Hexanone-d5	9.384	63	63189	85.527	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.530%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	117916	46.409	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.820%		
66) 1,2-Dichlorobenzene-d4	12.317	152	102371	47.288	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74081	47.214	ug/L	99
3) Chloromethane	1.294	50	68389	47.248	ug/L	97
5) Vinyl chloride	1.374	62	72056	46.141	ug/L	98
6) Bromomethane	1.593	94	48906	46.076	ug/L	98
8) Chloroethane	1.666	64	46471	44.950	ug/L	96
9) Trichlorofluoromethane	1.874	101	126853	43.597	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	70884	55.316	ug/L	96
12) 1,1-Dichloroethene	2.306	96	58888	51.629	ug/L #	63
13) Acetone	2.380	43	68178	70.681	ug/L	95
14) Carbon disulfide	2.501	76	92599	42.856	ug/L	99
15) Methyl Acetate	2.697	43	68517	43.804	ug/L	100
16) Methylene chloride	2.782	84	68873	52.473	ug/L	93
17) trans-1,2-Dichloroethene	3.081	96	59887	50.414	ug/L	90
18) Methyl tert-butyl Ether	3.111	73	224105	46.753	ug/L	97
19) 1,1-Dichloroethane	3.599	63	124417	49.925	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	75722	52.143	ug/L	94
22) 2-Butanone	4.556	43	94347	81.039	ug/L	98
23) Bromochloromethane	4.885	128	38853	54.861	ug/L	98
25) Chloroform	5.080	83	144869	51.651	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	110048	47.195	ug/L	97
29) Cyclohexane	5.458	56	104449	47.665	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	115973	48.374	ug/L	98
31) Carbon tetrachloride	5.666	117	93630	49.861	ug/L	99
33) Benzene	6.025	78	260613	48.593	ug/L	100
34) Trichloroethene	7.117	95	71876	49.088	ug/L	96
35) Methylcyclohexane	7.373	83	109802	51.765	ug/L	99
37) 1,2-Dichloropropane	7.421	63	71679	49.773	ug/L	99
38) Bromodichloromethane	7.818	83	91271	48.375	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	108512	48.107	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	187381	84.046	ug/L	96
42) Toluene	8.714	91	285387	50.221	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	100487	47.001	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	74271	50.326	ug/L	99
46) Tetrachloroethene	9.269	164	55761	57.088	ug/L	95
48) 2-Hexanone	9.427	43	140783	80.199	ug/L	96
49) Dibromochloromethane	9.519	129	68232	52.307	ug/L	100
50) 1,2-Dibromoethane	9.604	107	75659	49.643	ug/L	97
51) Chlorobenzene	10.073	112	186420	51.133	ug/L	98
52) Ethylbenzene	10.189	91	316703	50.595	ug/L	98
53) m,p-Xylene	10.299	106	118253	52.158	ug/L	98
54) o-Xylene	10.640	106	120682	51.763	ug/L	90
55) Styrene	10.652	104	197967	52.063	ug/L	98
57) 1,1,1,2-Tetrachloroethane	11.207	83	111783	48.827	ug/L	98
59) Bromoform	10.799	173	43847	47.032	ug/L	97
60) Isopropylbenzene	10.957	105	315575	44.015	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	83344	38.729	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	276810	46.523	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	279162	47.807	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	152518	51.294	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	154174	51.815	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	156599	51.870	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	20983	42.902	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	100221	54.023	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	84232	50.973	ug/L	97
71) Naphthalene	13.774	128	289811	43.017	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	90362	51.475	ug/L	99

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

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