

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031824\
 Data File : VX040689.D
 Acq On : 18 Mar 2024 11:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050725

Quant Time: Mar 19 01:19:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	156486	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	147622	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	70057	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68048	49.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.220%		
7) Chloroethane-d5	1.666	69	53333	48.700	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.400%		
11) 1,1-Dichloroethene-d2	2.306	65	29882	47.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.640%		
21) 2-Butanone-d5	4.446	46	94800	90.060	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.060%		
24) Chloroform-d	5.050	84	126278	49.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.140%		
26) 1,2-Dichloroethane-d4	5.952	65	90063	47.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.700%		
32) Benzene-d6	5.970	84	228756	50.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.020%		
36) 1,2-Dichloropropane-d6	7.299	67	70097	49.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.880%		
41) Toluene-d8	8.647	98	215416	49.355	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.720%		
43) trans-1,3-Dichloroprop...	8.945	79	36925	49.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.860%		
47) 2-Hexanone-d5	9.378	63	70548	91.088	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.090%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	92409	43.971	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.940%		
66) 1,2-Dichlorobenzene-d4	12.317	152	71994	49.065	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.140%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	67627	48.418	ug/L	100
3) Chloromethane	1.294	50	58350	48.057	ug/L	100
5) Vinyl chloride	1.374	62	63720	48.509	ug/L	99
6) Bromomethane	1.605	94	42058	60.309	ug/L	93
8) Chloroethane	1.685	64	36195	48.056	ug/L	90
9) Trichlorofluoromethane	1.886	101	87096	47.652	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	53246	49.114	ug/L	99
12) 1,1-Dichloroethene	2.319	96	44930	47.104	ug/L	95
13) Acetone	2.373	43	77298	102.832	ug/L	100
14) Carbon disulfide	2.514	76	129079	46.767	ug/L	96
15) Methyl Acetate	2.697	43	58260	45.910	ug/L	100
16) Methylene chloride	2.788	84	50674	48.241	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	47476	48.482	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	166864	49.272	ug/L	100
19) 1,1-Dichloroethane	3.605	63	93986	49.397	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	54159	49.324	ug/L	96
22) 2-Butanone	4.544	43	91899	92.328	ug/L	97
23) Bromochloromethane	4.897	128	27096	48.383	ug/L	98
25) Chloroform	5.092	83	105465	49.119	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	89682	47.529	ug/L	98
29) Cyclohexane	5.464	56	80633	49.709	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	91306	49.661	ug/L	100
31) Carbon tetrachloride	5.672	117	77646	50.320	ug/L	98
33) Benzene	6.037	78	198193	49.978	ug/L	100
34) Trichloroethene	7.123	95	57365	49.001	ug/L	98
35) Methylcyclohexane	7.379	83	85906	50.214	ug/L	99
37) 1,2-Dichloropropane	7.427	63	53029	50.510	ug/L	99
38) Bromodichloromethane	7.818	83	77866	50.146	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	88390	50.007	ug/L	94
40) 4-Methyl-2-pentanone	8.567	43	171706	95.402	ug/L	99
42) Toluene	8.714	91	218478	50.219	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	86538	50.265	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	53370	49.245	ug/L	97
46) Tetrachloroethene	9.269	164	40561	48.255	ug/L	96
48) 2-Hexanone	9.427	43	140361	94.114	ug/L	98
49) Dibromochloromethane	9.519	129	56890	50.239	ug/L	99
50) 1,2-Dibromoethane	9.604	107	58226	49.959	ug/L	97
51) Chlorobenzene	10.079	112	141124	50.069	ug/L	99
52) Ethylbenzene	10.189	91	251593	49.211	ug/L	99
53) m,p-Xylene	10.299	106	94428	50.806	ug/L	93
54) o-Xylene	10.640	106	90150	50.529	ug/L	99
55) Styrene	10.652	104	159562	51.324	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	78425	43.903	ug/L	98
59) Bromoform	10.799	173	38768	47.711	ug/L	99
60) Isopropylbenzene	10.963	105	229105	48.710	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	63590	45.550	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	194573	49.895	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	192477	49.360	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	102530	49.792	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	105307	50.288	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	98262	50.183	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	20577	50.349	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	73339	53.058	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	72475	56.540	ug/L	98
71) Naphthalene	13.774	128	226576	55.612	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	70735	56.019	ug/L	99

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

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