

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020623\
 Data File : VX034023.D
 Acq On : 06 Feb 2023 13:22
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050619

Quant Time: Feb 07 03:30:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 07 03:27:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	180250	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	157017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	82509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	41468	34.544	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.080%
7) Chloroethane-d5	1.666	69	34641	47.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.060%
11) 1,1-Dichloroethene-d2	2.312	63	87897	39.960	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.920%
21) 2-Butanone-d5	4.446	46	83846	121.824	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.820%
24) Chloroform-d	5.056	84	109731	50.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.920%
26) 1,2-Dichloroethane-d4	5.958	65	69749	53.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.360%
32) Benzene-d6	5.976	84	213100	47.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
36) 1,2-Dichloropropane-d6	7.305	67	67857	50.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.980%
41) Toluene-d8	8.647	98	189244	44.323	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	8.951	79	31711	52.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.020%
47) 2-Hexanone-d5	9.384	63	62842	125.934	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.930%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	96779	58.001	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.000%
66) 1,2-Dichlorobenzene-d4	12.317	152	83373	50.484	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48851	36.429	ug/L	99
3) Chloromethane	1.294	50	57622	47.076	ug/L	99
5) Vinyl chloride	1.374	62	49150	39.710	ug/L	99
6) Bromomethane	1.605	94	38139	59.422	ug/L	100
8) Chloroethane	1.685	64	32109	48.800	ug/L	98
9) Trichlorofluoromethane	1.892	101	69129	39.405	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	46662	38.463	ug/L	100
12) 1,1-Dichloroethene	2.319	96	48403	43.615	ug/L	87
13) Acetone	2.373	43	61200	86.430	ug/L	99
14) Carbon disulfide	2.514	76	131090	43.642	ug/L	99
15) Methyl Acetate	2.697	43	66583	59.023	ug/L	100
16) Methylene chloride	2.788	84	66944	56.963	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	55860	48.760	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	198883	59.624	ug/L	100
19) 1,1-Dichloroethane	3.611	63	105880	52.956	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	70713	54.011	ug/L	98
22) 2-Butanone	4.550	43	94681	107.620	ug/L	99
23) Bromochloromethane	4.897	128	40790	56.755	ug/L	97
25) Chloroform	5.092	83	114360	55.389	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	93297	58.875	ug/L	99
29) Cyclohexane	5.470	56	72455	37.728	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	85854	48.376	ug/L	99
31) Carbon tetrachloride	5.678	117	73150	44.303	ug/L	100
33) Benzene	6.037	78	240789	51.571	ug/L	100
34) Trichloroethene	7.123	95	60456	47.776	ug/L	98
35) Methylcyclohexane	7.379	83	77473	38.395	ug/L	99
37) 1,2-Dichloropropane	7.427	63	65149	54.783	ug/L	99
38) Bromodichloromethane	7.818	83	85916	56.818	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	101720	55.728	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	180514	123.348	ug/L	99
42) Toluene	8.720	91	247318	49.517	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	92428	56.905	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	70625	58.668	ug/L	98
46) Tetrachloroethene	9.275	164	53451	43.995	ug/L	98
48) 2-Hexanone	9.427	43	134237	115.100	ug/L	99
49) Dibromochloromethane	9.518	129	76617	58.988	ug/L	100
50) 1,2-Dibromoethane	9.610	107	75130	58.077	ug/L	99
51) Chlorobenzene	10.079	112	170574	50.551	ug/L	99
52) Ethylbenzene	10.195	91	259674	47.309	ug/L	98
53) m,p-Xylene	10.299	106	104618	47.482	ug/L	99
54) o-Xylene	10.640	106	106154	49.870	ug/L	96
55) Styrene	10.652	104	184377	51.632	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	101664	60.073	ug/L	100
59) Bromoform	10.799	173	63380	63.119	ug/L	99
60) Isopropylbenzene	10.963	105	258539	47.963	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	77038	61.503	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	219169	49.674	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	220389	50.677	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	134835	50.305	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	136760	50.415	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	141014	53.803	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	20147	65.650	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	101043	49.988	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	96630	52.660	ug/L	99
71) Naphthalene	13.774	128	313758	61.762	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	99768	55.076	ug/L	98

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

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