

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070824\
 Data File : VX042235.D
 Acq On : 08 Jul 2024 13:51
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050746

Quant Time: Jul 09 02:37:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 09 02:35:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	275678	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	258493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	62525	38.966	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.940%
7) Chloroethane-d5	1.648	69	42913	42.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.940%
11) 1,1-Dichloroethene-d2	2.294	65	30297	43.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.280%
21) 2-Butanone-d5	4.464	46	118196	102.214	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.210%
24) Chloroform-d	5.056	84	151679	47.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.020%
26) 1,2-Dichloroethane-d4	5.958	65	92651	48.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.300%
32) Benzene-d6	5.970	84	303737	45.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.920%
36) 1,2-Dichloropropane-d6	7.305	67	93560	46.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.060%
41) Toluene-d8	8.647	98	287913	46.241	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.480%
43) trans-1,3-Dichloroprop...	8.951	79	40984	47.161	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.320%
47) 2-Hexanone-d5	9.384	63	94363	103.388	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.390%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	144200	48.509	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	127777	46.361	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	92311	46.814	ug/L	99
3) Chloromethane	1.307	50	95623	47.987	ug/L	97
5) Vinyl chloride	1.374	62	91521	46.695	ug/L	99
6) Bromomethane	1.593	94	50207	47.012	ug/L	100
8) Chloroethane	1.666	64	46696	47.799	ug/L	97
9) Trichlorofluoromethane	1.873	101	132738	52.037	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	87459	49.751	ug/L	100
12) 1,1-Dichloroethene	2.306	96	79444	47.710	ug/L	93
13) Acetone	2.386	43	89133	112.992	ug/L	97
14) Carbon disulfide	2.501	76	183733	44.353	ug/L	100
15) Methyl Acetate	2.709	43	101307	50.545	ug/L	100
16) Methylene chloride	2.782	84	93659	45.589	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	82676	48.274	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	275654	49.220	ug/L	100
19) 1,1-Dichloroethane	3.605	63	151483	49.256	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	96784	48.102	ug/L	97
22) 2-Butanone	4.568	43	143354	108.564	ug/L	99
23) Bromochloromethane	4.897	128	51809	48.182	ug/L	93
25) Chloroform	5.092	83	159241	49.383	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	118101	49.421	ug/L	99
29) Cyclohexane	5.464	56	135826	48.620	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	135075	47.996	ug/L	99
31) Carbon tetrachloride	5.672	117	118569	48.233	ug/L	99
33) Benzene	6.031	78	351811	48.670	ug/L	100
34) Trichloroethene	7.123	95	92690	48.953	ug/L	97
35) Methylcyclohexane	7.379	83	144226	50.236	ug/L	99
37) 1,2-Dichloropropane	7.427	63	90527	48.809	ug/L	99
38) Bromodichloromethane	7.824	83	109324	48.135	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	134563	49.273	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	273121	103.242	ug/L	98
42) Toluene	8.720	91	378557	49.080	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	121298	49.539	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	97606	49.184	ug/L	99
46) Tetrachloroethene	9.275	164	87114	49.152	ug/L	99
48) 2-Hexanone	9.433	43	209107	100.654	ug/L	99
49) Dibromochloromethane	9.518	129	96868	47.928	ug/L	99
50) 1,2-Dibromoethane	9.610	107	103692	48.651	ug/L	98
51) Chlorobenzene	10.079	112	259859	49.080	ug/L	98
52) Ethylbenzene	10.195	91	422077	50.356	ug/L	99
53) m,p-Xylene	10.299	106	171329	50.783	ug/L	99
54) o-Xylene	10.640	106	167405	49.675	ug/L	98
55) Styrene	10.658	104	283139	50.422	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	152712	47.945	ug/L	100
59) Bromoform	10.799	173	81170	45.635	ug/L	99
60) Isopropylbenzene	10.963	105	440732	49.609	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	118177	46.901	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	336074	49.748	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	361152	49.883	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	218869	49.124	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	217474	48.253	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	219605	47.881	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	30646	47.512	ug/L	81
69) 1,3,5-Trichlorobenzene	13.115	180	164743	50.889	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	147364	50.048	ug/L	99
71) Naphthalene	13.774	128	454038	49.881	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	154333	49.603	ug/L	99

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

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