

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042197.D
 Acq On : 04 Jul 2024 05:08
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050742

Quant Time: Jul 04 05:42:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 05:08:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	287512	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	267054	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141995	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	80107	47.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.740%
7) Chloroethane-d5	1.648	69	50027	47.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.960%
11) 1,1-Dichloroethene-d2	2.294	65	35143	47.982	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.960%
21) 2-Butanone-d5	4.465	46	117084	97.085	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.090%
24) Chloroform-d	5.056	84	164351	48.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
26) 1,2-Dichloroethane-d4	5.952	65	97297	48.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.980%
32) Benzene-d6	5.970	84	338748	49.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
36) 1,2-Dichloropropane-d6	7.305	67	99917	48.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.200%
41) Toluene-d8	8.647	98	310663	48.295	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.952	79	40517	45.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.260%
47) 2-Hexanone-d5	9.384	63	92082	97.655	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.650%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	147927	48.167	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.340%
66) 1,2-Dichlorobenzene-d4	12.317	152	135788	49.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	98130	47.716	ug/L	99
3) Chloromethane	1.300	50	100657	48.434	ug/L	98
5) Vinyl chloride	1.374	62	99355	48.606	ug/L	99
6) Bromomethane	1.599	94	52555	47.185	ug/L	99
8) Chloroethane	1.666	64	46271	45.414	ug/L	99
9) Trichlorofluoromethane	1.867	101	130433	49.029	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	87455	47.701	ug/L	99
12) 1,1-Dichloroethene	2.306	96	83879	48.300	ug/L	96
13) Acetone	2.392	43	76540	93.034	ug/L	97
14) Carbon disulfide	2.501	76	194469	45.013	ug/L	99
15) Methyl Acetate	2.709	43	101692	48.648	ug/L	100
16) Methylene chloride	2.788	84	99029	46.219	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	85774	48.021	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	285505	48.880	ug/L	99
19) 1,1-Dichloroethane	3.605	63	158483	49.411	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	101308	48.278	ug/L	99
22) 2-Butanone	4.568	43	134621	97.754	ug/L	99
23) Bromochloromethane	4.897	128	55226	49.246	ug/L	98
25) Chloroform	5.092	83	164109	48.798	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	122753	49.254	ug/L	98
29) Cyclohexane	5.464	56	142941	49.527	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	138748	47.721	ug/L	99
31) Carbon tetrachloride	5.672	117	120261	47.353	ug/L	99
33) Benzene	6.037	78	362688	48.566	ug/L	100
34) Trichloroethene	7.123	95	94234	48.173	ug/L	98
35) Methylcyclohexane	7.379	83	145446	49.036	ug/L	99
37) 1,2-Dichloropropane	7.427	63	92057	48.043	ug/L	99
38) Bromodichloromethane	7.824	83	110564	47.120	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	126691	44.903	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	264205	96.670	ug/L	100
42) Toluene	8.720	91	389104	48.830	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	115582	45.692	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	100329	48.936	ug/L	99
46) Tetrachloroethene	9.275	164	87302	47.679	ug/L	99
48) 2-Hexanone	9.433	43	206814	96.359	ug/L	99
49) Dibromochloromethane	9.518	129	97263	46.581	ug/L	98
50) 1,2-Dibromoethane	9.610	107	106552	48.390	ug/L	99
51) Chlorobenzene	10.079	112	262673	48.021	ug/L	99
52) Ethylbenzene	10.195	91	426008	49.196	ug/L	99
53) m,p-Xylene	10.299	106	170166	48.821	ug/L	98
54) o-Xylene	10.640	106	169989	48.824	ug/L	97
55) Styrene	10.652	104	287359	49.533	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	155559	47.273	ug/L	99
59) Bromoform	10.799	173	81752	45.931	ug/L	99
60) Isopropylbenzene	10.963	105	439520	49.439	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	119314	47.320	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	337831	49.974	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	365278	50.419	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	218943	49.107	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	217566	48.241	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	223003	48.589	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	29986	46.457	ug/L	87
69) 1,3,5-Trichlorobenzene	13.109	180	160294	49.482	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	147088	49.920	ug/L	98
71) Naphthalene	13.774	128	463941	50.935	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	155373	49.903	ug/L	100

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

