

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
 Data File : VX042362.D
 Acq On : 18 Jul 2024 12:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050747

Quant Time: Jul 19 05:26:31 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	6.757	114	238030	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	226147	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	127360	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52203	37.679	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.360%
7) Chloroethane-d5	1.648	69	35627	40.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.680%
11) 1,1-Dichloroethene-d2	2.294	65	24620	40.602	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.200%
21) 2-Butanone-d5	4.465	46	96117	96.268	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.270%
24) Chloroform-d	5.056	84	125509	45.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.100%
26) 1,2-Dichloroethane-d4	5.952	65	73042	44.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
32) Benzene-d6	5.970	84	247267	42.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	7.306	67	74888	42.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.140%
41) Toluene-d8	8.647	98	230962	42.400	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.952	79	32211	42.368	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.740%
47) 2-Hexanone-d5	9.384	63	74174	92.892	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.890%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	121110	46.569	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.140%
66) 1,2-Dichlorobenzene-d4	12.317	152	107661	43.522	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76307	44.818	ug/L	99
3) Chloromethane	1.301	50	72005	41.850	ug/L	99
5) Vinyl chloride	1.374	62	71857	42.461	ug/L	99
6) Bromomethane	1.599	94	39372	42.697	ug/L	98
8) Chloroethane	1.666	64	38804	46.003	ug/L	99
9) Trichlorofluoromethane	1.874	101	102830	46.688	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	74402	49.018	ug/L	98
12) 1,1-Dichloroethene	2.306	96	67343	46.840	ug/L	94
13) Acetone	2.392	43	62716	92.078	ug/L	95
14) Carbon disulfide	2.502	76	147236	41.164	ug/L	99
15) Methyl Acetate	2.709	43	79990	46.221	ug/L	99
16) Methylene chloride	2.788	84	76352	43.043	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	68028	46.004	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	225896	46.715	ug/L	100
19) 1,1-Dichloroethane	3.605	63	125405	47.226	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	81213	46.748	ug/L	99
22) 2-Butanone	4.562	43	105312	92.368	ug/L	98
23) Bromochloromethane	4.904	128	44277	47.690	ug/L	97
25) Chloroform	5.086	83	135466	48.655	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	97690	47.346	ug/L	99
29) Cyclohexane	5.464	56	108378	44.344	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	115203	46.790	ug/L	99
31) Carbon tetrachloride	5.672	117	101840	47.353	ug/L	100
33) Benzene	6.031	78	292015	46.176	ug/L	100
34) Trichloroethene	7.123	95	76633	46.261	ug/L	99
35) Methylcyclohexane	7.373	83	119564	47.602	ug/L	99
37) 1,2-Dichloropropane	7.427	63	74872	46.142	ug/L	100
38) Bromodichloromethane	7.818	83	92931	46.769	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	114980	48.124	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	218259	94.305	ug/L	99
42) Toluene	8.714	91	321230	47.604	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	102340	47.775	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	82779	47.679	ug/L	97
46) Tetrachloroethene	9.269	164	75244	48.527	ug/L	98
48) 2-Hexanone	9.433	43	168314	92.607	ug/L	100
49) Dibromochloromethane	9.519	129	85353	48.271	ug/L	98
50) 1,2-Dibromoethane	9.610	107	88319	47.365	ug/L	99
51) Chlorobenzene	10.079	112	222349	48.002	ug/L	97
52) Ethylbenzene	10.189	91	353972	48.271	ug/L	98
53) m,p-Xylene	10.299	106	145131	49.171	ug/L	99
54) o-Xylene	10.640	106	142978	48.495	ug/L	99
55) Styrene	10.652	104	245099	49.891	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	132575	47.576	ug/L	99
59) Bromoform	10.799	173	72296	45.286	ug/L	100
60) Isopropylbenzene	10.963	105	372990	46.776	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	100706	44.530	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	286025	47.172	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	307665	47.346	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	189399	47.362	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	192535	47.596	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	191580	46.539	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	25439	43.942	ug/L	88
69) 1,3,5-Trichlorobenzene	13.109	180	145510	50.079	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	128134	48.485	ug/L	99
71) Naphthalene	13.774	128	384994	47.124	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	134992	48.339	ug/L	100

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

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