

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042642.D
 Acq On : 27 Jul 2024 08:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050764

Quant Time: Jul 29 01:32:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 03:03:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	176802	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	159938	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	73019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	47783	44.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.980%
7) Chloroethane-d5	1.648	69	22090	49.907	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.820%
11) 1,1-Dichloroethene-d2	2.300	65	25206	47.627	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.260%
21) 2-Butanone-d5	4.465	46	73224	91.978	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.980%
24) Chloroform-d	5.056	84	118145	50.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.500%
26) 1,2-Dichloroethane-d4	5.952	65	75880	50.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
32) Benzene-d6	5.970	84	228514	51.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.960%
36) 1,2-Dichloropropane-d6	7.306	67	67663	51.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.020%
41) Toluene-d8	8.647	98	209698	52.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.380%
43) trans-1,3-Dichloroprop...	8.952	79	27698	45.054	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.100%
47) 2-Hexanone-d5	9.384	63	55871	95.122	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.120%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94021	49.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.420%
66) 1,2-Dichlorobenzene-d4	12.317	152	72908	52.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79067	50.618	ug/L	100
3) Chloromethane	1.294	50	57783	44.734	ug/L	98
5) Vinyl chloride	1.374	62	54887	44.700	ug/L	97
6) Bromomethane	1.599	94	18861	49.094	ug/L	94
8) Chloroethane	1.666	64	21705	48.280	ug/L	99
9) Trichlorofluoromethane	1.874	101	77219	44.430	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	60441	48.395	ug/L	97
12) 1,1-Dichloroethene	2.313	96	56149	49.125	ug/L	98
13) Acetone	2.392	43	50573	81.268	ug/L	96
14) Carbon disulfide	2.508	76	128640	46.095	ug/L	100
15) Methyl Acetate	2.709	43	59906	43.429	ug/L	96
16) Methylene chloride	2.788	84	62116	47.058	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	59457	50.689	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	197506	48.579	ug/L	99
19) 1,1-Dichloroethane	3.605	63	107028	47.790	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	67021	50.024	ug/L	96
22) 2-Butanone	4.568	43	78513	82.840	ug/L	93
23) Bromochloromethane	4.891	128	32237	50.813	ug/L	84
25) Chloroform	5.093	83	117332	49.136	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	89887	47.395	ug/L	96
29) Cyclohexane	5.464	56	89100	47.124	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	101485	49.676	ug/L	98
31) Carbon tetrachloride	5.678	117	83862	48.599	ug/L	98
33) Benzene	6.037	78	245252	50.107	ug/L	100
34) Trichloroethene	7.123	95	64157	49.062	ug/L	95
35) Methylcyclohexane	7.379	83	96920	48.969	ug/L	96
37) 1,2-Dichloropropane	7.427	63	61898	48.659	ug/L	99
38) Bromodichloromethane	7.824	83	79556	48.388	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	81369	41.672	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	153550	87.735	ug/L #	94
42) Toluene	8.720	91	254987	50.580	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	77421	43.741	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	63886	49.725	ug/L	98
46) Tetrachloroethene	9.275	164	46184	51.787	ug/L	93
48) 2-Hexanone	9.433	43	119682	87.927	ug/L	95
49) Dibromochloromethane	9.519	129	59779	49.827	ug/L	91
50) 1,2-Dibromoethane	9.610	107	67702	50.666	ug/L #	99
51) Chlorobenzene	10.079	112	163161	50.049	ug/L	99
52) Ethylbenzene	10.195	91	277663	50.216	ug/L	98
53) m,p-Xylene	10.299	106	107319	51.521	ug/L	97
54) o-Xylene	10.640	106	106168	51.236	ug/L	95
55) Styrene	10.653	104	176052	50.968	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	99334	48.348	ug/L	98
59) Bromoform	10.799	173	39876	48.663	ug/L	99
60) Isopropylbenzene	10.963	105	274057	49.672	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	76088	45.041	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	226943	49.457	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	226226	49.930	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	115742	48.777	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	115459	48.309	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	118976	49.793	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	19970	44.374	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	71333	48.467	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	63752	49.394	ug/L	98
71) Naphthalene	13.774	128	243910	48.990	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	67233	50.288	ug/L	100

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

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