

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073124\
 Data File : VX042784.D
 Acq On : 31 Jul 2024 19:31
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050773

Quant Time: Aug 01 02:20:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 01:44:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	161916	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	145764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	65562	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41343	42.028	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.060%		
7) Chloroethane-d5	1.648	69	17493	43.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.320%		
11) 1,1-Dichloroethene-d2	2.294	65	19322	39.866	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.740%		
21) 2-Butanone-d5	4.465	46	57726	79.177	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.180%		
24) Chloroform-d	5.056	84	95013	44.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.260%		
26) 1,2-Dichloroethane-d4	5.958	65	60455	43.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.040%		
32) Benzene-d6	5.970	84	179669	44.413	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.820%		
36) 1,2-Dichloropropane-d6	7.312	67	51170	42.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.480%		
41) Toluene-d8	8.647	98	166454	45.891	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.780%		
43) trans-1,3-Dichloroprop...	8.952	79	23806	42.488	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.980%		
47) 2-Hexanone-d5	9.384	63	46205	86.315	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.310%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	73239	42.485	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.960%		
66) 1,2-Dichlorobenzene-d4	12.323	152	55698	44.953	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	72652	50.787	ug/L	99
3) Chloromethane	1.301	50	56798	48.014	ug/L	99
5) Vinyl chloride	1.374	62	54846	48.773	ug/L	97
6) Bromomethane	1.593	94	15603	44.348	ug/L	99
8) Chloroethane	1.666	64	18416	44.730	ug/L	100
9) Trichlorofluoromethane	1.874	101	73205	45.993	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	55183	48.247	ug/L	96
12) 1,1-Dichloroethene	2.306	96	48317	46.159	ug/L	90
13) Acetone	2.392	43	60540	106.229	ug/L	100
14) Carbon disulfide	2.502	76	105677	41.348	ug/L	99
15) Methyl Acetate	2.709	43	56408	44.652	ug/L	97
16) Methylene chloride	2.788	84	63029	52.140	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	51369	47.820	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	189872	50.995	ug/L	99
19) 1,1-Dichloroethane	3.605	63	98904	48.223	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	62499	50.938	ug/L	93
22) 2-Butanone	4.568	43	84768	97.663	ug/L	97
23) Bromochloromethane	4.904	128	27194	46.804	ug/L	89
25) Chloroform	5.099	83	112830	51.594	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	88211	50.788	ug/L	99
29) Cyclohexane	5.464	56	78645	45.639	ug/L	96
30) 1,1,1-Trichloroethane	5.379	97	97922	52.593	ug/L	98
31) Carbon tetrachloride	5.678	117	81973	52.124	ug/L	100
33) Benzene	6.037	78	219302	49.162	ug/L	100
34) Trichloroethene	7.123	95	60882	51.085	ug/L	99
35) Methylcyclohexane	7.379	83	87704	48.622	ug/L	95
37) 1,2-Dichloropropane	7.434	63	55269	47.673	ug/L	99
38) Bromodichloromethane	7.824	83	75034	50.076	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	84376	47.414	ug/L	94
40) 4-Methyl-2-pentanone	8.574	43	154601	96.925	ug/L	96
42) Toluene	8.720	91	230936	50.264	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	77306	47.923	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	60093	51.321	ug/L	97
46) Tetrachloroethene	9.275	164	43029	52.941	ug/L	91
48) 2-Hexanone	9.433	43	122361	98.637	ug/L	98
49) Dibromochloromethane	9.519	129	57290	52.396	ug/L	93
50) 1,2-Dibromoethane	9.610	107	63015	51.744	ug/L #	97
51) Chlorobenzene	10.079	112	154103	51.867	ug/L	97
52) Ethylbenzene	10.195	91	257001	50.999	ug/L	99
53) m,p-Xylene	10.299	106	100042	52.698	ug/L	99
54) o-Xylene	10.640	106	99426	52.649	ug/L	98
55) Styrene	10.653	104	165459	52.559	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	89578	47.839	ug/L	98
59) Bromoform	10.799	173	39350	53.483	ug/L	99
60) Isopropylbenzene	10.963	105	258552	52.192	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	75204	49.582	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	214733	52.119	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	211417	51.969	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	106185	49.839	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	108498	50.560	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	110592	51.548	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	20151	49.869	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	67277	50.910	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	60434	52.149	ug/L	98
71) Naphthalene	13.774	128	244335	54.657	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	64386	53.636	ug/L	100

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

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