

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073024\
 Data File : VX042754.D
 Acq On : 30 Jul 2024 20:57
 Operator : JC/MD
 Sample : P3389-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20T0MSD

Quant Time: Jul 31 03:21:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 03:10:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	127428	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	116402	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53448	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	32544	42.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.080%
7) Chloroethane-d5	1.648	69	15219	47.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.420%
11) 1,1-Dichloroethene-d2	2.294	65	16647	43.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.280%
21) 2-Butanone-d5	4.464	46	60952	106.228	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.230%
24) Chloroform-d	5.062	84	89254	52.672	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.340%
26) 1,2-Dichloroethane-d4	5.958	65	58583	53.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.180%
32) Benzene-d6	5.976	84	166423	51.515	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
36) 1,2-Dichloropropane-d6	7.311	67	49583	51.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.720%
41) Toluene-d8	8.647	98	149904	51.753	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.500%
43) trans-1,3-Dichloroprop...	8.951	79	21847	48.828	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.660%
47) 2-Hexanone-d5	9.384	63	47494	111.103	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.100%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	74608	54.196	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	51208	50.696	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51728	45.947	ug/L	99
3) Chloromethane	1.300	50	46493	49.940	ug/L	99
5) Vinyl chloride	1.374	62	55015	62.165	ug/L	94
6) Bromomethane	1.599	94	15731	56.813	ug/L	97
8) Chloroethane	1.666	64	15241	47.037	ug/L	96
9) Trichlorofluoromethane	1.873	101	58760	46.909	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	41036	45.588	ug/L	96
12) 1,1-Dichloroethene	2.306	96	41312	50.149	ug/L	89
13) Acetone	2.392	43	47437	105.765	ug/L	100
14) Carbon disulfide	2.501	76	96113	47.784	ug/L	99
15) Methyl Acetate	2.709	43	54724	55.044	ug/L	96
16) Methylene chloride	2.788	84	53608	56.349	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	46948	55.533	ug/L	90
18) Methyl tert-butyl Ether	3.123	73	172670	58.926	ug/L	99
19) 1,1-Dichloroethane	3.605	63	88444	54.794	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	55640	57.621	ug/L	96
22) 2-Butanone	4.568	43	78784	115.335	ug/L	95
23) Bromochloromethane	4.903	128	26764	58.532	ug/L	92
25) Chloroform	5.092	83	100383	58.326	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	80099	58.599	ug/L	98
29) Cyclohexane	5.470	56	60385	43.882	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	83373	56.074	ug/L	99
31) Carbon tetrachloride	5.672	117	67646	53.864	ug/L	99
33) Benzene	6.037	78	199487	56.000	ug/L	100
34) Trichloroethene	7.129	95	50573	53.139	ug/L	96
35) Methylcyclohexane	7.379	83	63549	44.118	ug/L	97
37) 1,2-Dichloropropane	7.433	63	52213	56.397	ug/L	99
38) Bromodichloromethane	7.824	83	68687	57.403	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	80467	56.624	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	150504	118.158	ug/L	95
42) Toluene	8.720	91	209526	57.107	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	72644	56.393	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	56053	59.946	ug/L	97
46) Tetrachloroethene	9.275	164	36485	56.213	ug/L	93
48) 2-Hexanone	9.433	43	118849	119.972	ug/L	98
49) Dibromochloromethane	9.525	129	53927	61.761	ug/L	96
50) 1,2-Dibromoethane	9.610	107	58082	59.724	ug/L #	94
51) Chlorobenzene	10.079	112	136425	57.500	ug/L	98
52) Ethylbenzene	10.195	91	226371	56.252	ug/L	98
53) m,p-Xylene	10.305	106	88032	58.068	ug/L	95
54) o-Xylene	10.640	106	88903	58.951	ug/L	100
55) Styrene	10.658	104	149933	59.641	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	89590	59.914	ug/L	99
59) Bromoform	10.799	173	35480	59.152	ug/L	99
60) Isopropylbenzene	10.963	105	222683	55.140	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	71425	57.763	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	189200	56.330	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	186231	56.153	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	95664	55.077	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	97487	55.725	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	98466	56.299	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	20171	61.232	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	57041	52.948	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	49016	51.883	ug/L	100
71) Naphthalene	13.774	128	217162	59.589	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	54896	56.095	ug/L	100

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

