

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040662.D
 Acq On : 15 Mar 2024 18:18
 Operator : JC/MD
 Sample : P1753-20MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL37MS

Quant Time: Mar 16 02:55:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 01:57:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	146710	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140586	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	72076	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	51552	40.086	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.180%
7) Chloroethane-d5	1.666	69	46820	45.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.306	65	23285	39.332	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.660%
21) 2-Butanone-d5	4.446	46	98377	99.686	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.690%
24) Chloroform-d	5.056	84	118415	49.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
26) 1,2-Dichloroethane-d4	5.958	65	83775	46.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.960%
32) Benzene-d6	5.976	84	194995	45.209	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
36) 1,2-Dichloropropane-d6	7.306	67	62956	47.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.200%
41) Toluene-d8	8.647	98	179470	43.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.360%
43) trans-1,3-Dichloroprop...	8.952	79	33415	46.967	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.940%
47) 2-Hexanone-d5	9.384	63	70826	96.024	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.020%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	101097	50.513	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.020%
66) 1,2-Dichlorobenzene-d4	12.317	152	73500	48.688	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66629	50.883	ug/L	99
3) Chloromethane	1.294	50	60780	53.394	ug/L	100
5) Vinyl chloride	1.374	62	65732	53.376	ug/L	94
6) Bromomethane	1.605	94	38835	59.398	ug/L	96
8) Chloroethane	1.685	64	40329	57.112	ug/L	91
9) Trichlorofluoromethane	1.886	101	91293	53.276	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	50886	50.065	ug/L	99
12) 1,1-Dichloroethene	2.319	96	46799	52.332	ug/L	93
13) Acetone	2.380	43	86698	123.023	ug/L	100
14) Carbon disulfide	2.514	76	130510	50.436	ug/L	99
15) Methyl Acetate	2.703	43	53185	44.704	ug/L	98
16) Methylene chloride	2.788	84	49850	50.619	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	46870	51.053	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	173775	54.732	ug/L	99
19) 1,1-Dichloroethane	3.605	63	97339	54.568	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	55724	54.131	ug/L	99
22) 2-Butanone	4.556	43	85910	92.062	ug/L	99
23) Bromochloromethane	4.897	128	27706	52.769	ug/L	95
25) Chloroform	5.093	83	106099	52.707	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	96751	54.692	ug/L	100
29) Cyclohexane	5.470	56	80835	52.327	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	92311	52.720	ug/L	99
31) Carbon tetrachloride	5.678	117	79588	54.160	ug/L	100
33) Benzene	6.037	78	203641	53.922	ug/L	100
34) Trichloroethene	7.123	95	56174	50.385	ug/L	98
35) Methylcyclohexane	7.379	83	80759	49.568	ug/L	99
37) 1,2-Dichloropropane	7.427	63	53746	53.755	ug/L	100
38) Bromodichloromethane	7.818	83	78695	53.216	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	87551	52.011	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	179723	104.854	ug/L	99
42) Toluene	8.720	91	220703	53.269	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	83955	51.205	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	54762	53.059	ug/L	97
46) Tetrachloroethene	9.275	164	40273	50.311	ug/L	95
48) 2-Hexanone	9.427	43	141956	99.948	ug/L	99
49) Dibromochloromethane	9.519	129	57887	53.677	ug/L	98
50) 1,2-Dibromoethane	9.610	107	59736	53.820	ug/L #	100
51) Chlorobenzene	10.079	112	142115	52.944	ug/L	98
52) Ethylbenzene	10.195	91	257695	52.928	ug/L	97
53) m,p-Xylene	10.299	106	94119	53.174	ug/L	95
54) o-Xylene	10.640	106	91389	53.788	ug/L	100
55) Styrene	10.652	104	158976	53.695	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	90016	52.914	ug/L	97
59) Bromoform	10.799	173	43092	51.547	ug/L	99
60) Isopropylbenzene	10.963	105	256716	53.052	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	73945	51.483	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	212934	53.074	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	213460	53.208	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	110697	52.252	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	113431	52.650	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	110051	54.629	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	19983	47.526	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	68643	48.270	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	63536	48.178	ug/L	99
71) Naphthalene	13.774	128	198794	47.426	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	61900	47.649	ug/L	98

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

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