

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040686.D
 Acq On : 16 Mar 2024 04:13
 Operator : JC/MD
 Sample : P1754-12MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL20MSD

Quant Time: Mar 16 05:58:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	147410	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140177	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64695	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	46998	36.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.740%
7) Chloroethane-d5	1.666	69	38723	37.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.080%
11) 1,1-Dichloroethene-d2	2.306	65	21674	36.437	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.880%
21) 2-Butanone-d5	4.446	46	95109	95.917	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.920%
24) Chloroform-d	5.056	84	111684	46.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	5.952	65	79868	44.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
32) Benzene-d6	5.970	84	178939	41.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.220%
36) 1,2-Dichloropropane-d6	7.306	67	59255	44.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.920%
41) Toluene-d8	8.647	98	161259	38.909	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.820%#
43) trans-1,3-Dichloroprop...	8.952	79	30175	42.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.080%
47) 2-Hexanone-d5	9.384	63	62225	84.609	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.610%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	88483	44.339	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.680%
66) 1,2-Dichlorobenzene-d4	12.317	152	59836	44.159	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66798	50.770	ug/L	100
3) Chloromethane	1.294	50	59404	51.938	ug/L	96
5) Vinyl chloride	1.374	62	66453	53.705	ug/L	99
6) Bromomethane	1.605	94	40404	61.505	ug/L	94
8) Chloroethane	1.685	64	34492	48.614	ug/L	92
9) Trichlorofluoromethane	1.886	101	90135	52.351	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	51328	50.260	ug/L	99
12) 1,1-Dichloroethene	2.319	96	79428	88.398	ug/L	89
13) Acetone	2.374	43	152349	215.154	ug/L	99
14) Carbon disulfide	2.514	76	128220	49.316	ug/L	98
15) Methyl Acetate	2.703	43	43927	36.747	ug/L	98
16) Methylene chloride	2.788	84	50124	50.655	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	48262	52.320	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	169153	53.024	ug/L	99
19) 1,1-Dichloroethane	3.605	63	102167	57.003	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	65101	62.939	ug/L	96
22) 2-Butanone	4.556	43	89382	95.328	ug/L	99
23) Bromochloromethane	4.897	128	26768	50.740	ug/L	94
25) Chloroform	5.093	83	105047	51.937	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	94822	53.347	ug/L	97
29) Cyclohexane	5.471	56	81703	53.043	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	99862	57.199	ug/L	100
31) Carbon tetrachloride	5.678	117	79226	54.070	ug/L	99
33) Benzene	6.038	78	198486	52.710	ug/L	100
34) Trichloroethene	7.123	95	117208	105.436	ug/L	98
35) Methylcyclohexane	7.379	83	80339	49.454	ug/L	99
37) 1,2-Dichloropropane	7.428	63	54971	55.141	ug/L	100
38) Bromodichloromethane	7.818	83	78680	53.361	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	84268	50.207	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	178242	104.293	ug/L	100
42) Toluene	8.720	91	217359	52.615	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	81744	50.002	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	53895	52.371	ug/L	98
46) Tetrachloroethene	9.275	164	37417	46.879	ug/L	97
48) 2-Hexanone	9.427	43	133765	94.455	ug/L	98
49) Dibromochloromethane	9.519	129	56750	52.777	ug/L	99
50) 1,2-Dibromoethane	9.610	107	58286	52.667	ug/L	96
51) Chlorobenzene	10.079	112	140186	52.378	ug/L	98
52) Ethylbenzene	10.195	91	254797	52.485	ug/L	97
53) m,p-Xylene	10.299	106	92140	52.208	ug/L	98
54) o-Xylene	10.640	106	90748	53.566	ug/L	97
55) Styrene	10.653	104	158926	53.834	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	80307	47.345	ug/L	97
59) Bromoform	10.799	173	42461	56.587	ug/L	98
60) Isopropylbenzene	10.963	105	256593	59.076	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	64071	49.698	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	187895	52.176	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	186520	51.797	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	96780	50.895	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	99439	51.421	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	97794	54.083	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	19423	51.465	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	64635	50.637	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	60859	51.413	ug/L	99
71) Naphthalene	13.774	128	197777	52.567	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	61431	52.683	ug/L	98

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

