

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040685.D
 Acq On : 16 Mar 2024 03:50
 Operator : JC/MD
 Sample : P1754-11MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL20MS

Quant Time: Mar 16 05:57:29 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	141301	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	125434	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62523	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	47868	38.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.300%
7) Chloroethane-d5	1.666	69	41529	41.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.306	65	22245	39.014	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.020%
21) 2-Butanone-d5	4.452	46	97423	102.498	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.500%
24) Chloroform-d	5.062	84	111088	48.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
26) 1,2-Dichloroethane-d4	5.952	65	81026	47.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
32) Benzene-d6	5.976	84	181872	47.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	7.306	67	60071	50.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.740%
41) Toluene-d8	8.647	98	153414	41.367	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.740%
43) trans-1,3-Dichloroprop...	8.952	79	29779	46.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.820%
47) 2-Hexanone-d5	9.384	63	70459	107.066	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.070%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	85559	47.913	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.820%
66) 1,2-Dichlorobenzene-d4	12.317	152	64759	49.453	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67347	53.400	ug/L	100
3) Chloromethane	1.294	50	59848	54.588	ug/L	97
5) Vinyl chloride	1.374	62	66963	56.457	ug/L	96
6) Bromomethane	1.605	94	38488	61.121	ug/L	95
8) Chloroethane	1.685	64	39238	57.694	ug/L	90
9) Trichlorofluoromethane	1.886	101	87960	53.296	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	51447	52.554	ug/L	99
12) 1,1-Dichloroethene	2.319	96	78443	91.076	ug/L	88
13) Acetone	2.380	43	151048	222.539	ug/L	99
14) Carbon disulfide	2.514	76	128087	51.395	ug/L	98
15) Methyl Acetate	2.703	43	44088	38.476	ug/L	96
16) Methylene chloride	2.788	84	49610	52.303	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	47872	54.141	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	170559	55.776	ug/L	99
19) 1,1-Dichloroethane	3.611	63	103607	60.305	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	64111	64.662	ug/L	94
22) 2-Butanone	4.550	43	89927	100.056	ug/L	99
23) Bromochloromethane	4.897	128	27274	53.934	ug/L	98
25) Chloroform	5.093	83	107974	55.692	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	96592	56.692	ug/L	98
29) Cyclohexane	5.471	56	80486	58.395	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	100697	64.457	ug/L	99
31) Carbon tetrachloride	5.678	117	79114	60.340	ug/L	99
33) Benzene	6.044	78	197202	58.525	ug/L	100
34) Trichloroethene	7.123	95	117362	117.983	ug/L	98
35) Methylcyclohexane	7.385	83	80288	55.231	ug/L	100
37) 1,2-Dichloropropane	7.427	63	55031	61.689	ug/L	99
38) Bromodichloromethane	7.824	83	79169	60.004	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	78091	51.995	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	167981	109.842	ug/L	100
42) Toluene	8.720	91	209690	56.725	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	81080	55.425	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	53147	57.714	ug/L	95
46) Tetrachloroethene	9.275	164	39336	55.076	ug/L	95
48) 2-Hexanone	9.427	43	140745	111.065	ug/L	99
49) Dibromochloromethane	9.519	129	58567	60.868	ug/L	95
50) 1,2-Dibromoethane	9.610	107	58429	59.001	ug/L	93
51) Chlorobenzene	10.079	112	130303	54.407	ug/L	99
52) Ethylbenzene	10.195	91	234622	54.010	ug/L	99
53) m,p-Xylene	10.299	106	87125	55.169	ug/L	93
54) o-Xylene	10.640	106	83687	55.204	ug/L	100
55) Styrene	10.653	104	144822	54.823	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	77774	51.241	ug/L	98
59) Bromoform	10.799	173	37027	51.059	ug/L	100
60) Isopropylbenzene	10.963	105	230712	54.963	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	64086	51.437	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	186555	53.604	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	179982	51.718	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	99169	53.963	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	101129	54.112	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	102217	58.493	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	23139	63.441	ug/L	87
69) 1,3,5-Trichlorobenzene	13.115	180	75458	61.170	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	68508	59.886	ug/L	99
71) Naphthalene	13.774	128	231159	63.573	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	68527	60.810	ug/L	99

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

