

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111224\
 Data File : VX043820.D
 Acq On : 12 Nov 2024 18:59
 Operator : JC/MD
 Sample : P4786-17MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E27P5MSD

Quant Time: Nov 13 02:09:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 02:04:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	261774	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	118193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58855	42.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.400%
7) Chloroethane-d5	1.642	69	36797	61.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.780%
11) 1,1-Dichloroethene-d2	2.294	65	28656	44.512	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.020%
21) 2-Butanone-d5	4.465	46	86290	94.503	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.500%
24) Chloroform-d	5.056	84	150775	50.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.300%
26) 1,2-Dichloroethane-d4	5.952	65	91017	47.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.320%
32) Benzene-d6	5.970	84	284275	47.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
36) 1,2-Dichloropropane-d6	7.306	67	85459	46.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.120%
41) Toluene-d8	8.647	98	261537	47.720	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.440%
43) trans-1,3-Dichloroprop...	8.952	79	40392	46.014	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.020%
47) 2-Hexanone-d5	9.384	63	69689	95.935	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.940%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128631	54.618	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	108150	52.812	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	77863	42.233	ug/L	99
3) Chloromethane	1.294	50	69594	38.842	ug/L	99
5) Vinyl chloride	1.374	62	75277	42.891	ug/L	99
6) Bromomethane	1.593	94	39573	58.187	ug/L	99
8) Chloroethane	1.660	64	36411	58.966	ug/L	98
9) Trichlorofluoromethane	1.867	101	122849	55.158	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	77067	50.382	ug/L	96
12) 1,1-Dichloroethene	2.306	96	70882	50.761	ug/L	79
13) Acetone	2.386	43	59885	70.516	ug/L	99
14) Carbon disulfide	2.501	76	121992	39.519	ug/L	99
15) Methyl Acetate	2.709	43	64080	35.684	ug/L #	89
16) Methylene chloride	2.782	84	75792	44.926	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	71350	47.494	ug/L	87
18) Methyl tert-butyl Ether	3.117	73	257507	45.090	ug/L	98
19) 1,1-Dichloroethane	3.605	63	130984	44.277	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	87706	47.004	ug/L	94
22) 2-Butanone	4.562	43	89409	72.771	ug/L	92
23) Bromochloromethane	4.891	128	47419	50.556	ug/L	83
25) Chloroform	5.086	83	148846	46.889	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	112132	45.714	ug/L	98
29) Cyclohexane	5.464	56	106817	39.449	ug/L	91
30) 1,1,1-Trichloroethane	5.373	97	127838	45.222	ug/L	98
31) Carbon tetrachloride	5.666	117	109364	47.157	ug/L	99
33) Benzene	6.031	78	300029	45.107	ug/L	100
34) Trichloroethene	7.123	95	84785	47.413	ug/L	96
35) Methylcyclohexane	7.373	83	115958	43.403	ug/L	94
37) 1,2-Dichloropropane	7.427	63	78114	44.087	ug/L	97
38) Bromodichloromethane	7.818	83	99344	44.083	ug/L #	95
39) cis-1,3-Dichloropropene	8.366	75	122823	42.462	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	193913	80.409	ug/L	95
42) Toluene	8.714	91	321057	45.891	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	114994	43.599	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	87300	48.050	ug/L	95
46) Tetrachloroethene	9.269	164	64596	50.185	ug/L	96
48) 2-Hexanone	9.433	43	143995	79.880	ug/L #	96
49) Dibromochloromethane	9.519	129	84153	49.693	ug/L	100
50) 1,2-Dibromoethane	9.610	107	88483	47.167	ug/L #	94
51) Chlorobenzene	10.079	112	220228	48.166	ug/L	96
52) Ethylbenzene	10.189	91	355363	46.730	ug/L	97
53) m,p-Xylene	10.299	106	144882	49.355	ug/L	94
54) o-Xylene	10.640	106	144921	49.519	ug/L	97
55) Styrene	10.652	104	243639	50.046	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	129972	47.764	ug/L	99
59) Bromoform	10.799	173	57280	46.333	ug/L	98
60) Isopropylbenzene	10.963	105	374060	45.643	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	97510	42.503	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	316194	45.901	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	311702	45.446	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	174403	48.380	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	175218	48.258	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	178545	48.467	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	23128	40.259	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.109	180	114656	47.688	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	104162	47.249	ug/L	98
71) Naphthalene	13.774	128	383642	46.862	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	109456	48.041	ug/L	99

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

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