

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
 Data File : VX043884.D
 Acq On : 15 Nov 2024 18:22
 Operator : JC/MD
 Sample : P4785-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E27N6MSD

Quant Time: Nov 16 00:13:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 03:21:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	212863	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	209785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	97657	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	65829	49.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.620%
7) Chloroethane-d5	1.648	69	47431	53.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.520%
11) 1,1-Dichloroethene-d2	2.294	65	32679	54.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.600%
21) 2-Butanone-d5	4.464	46	76697	109.120	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.120%
24) Chloroform-d	5.056	84	154115	54.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.952	65	98876	55.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.120%
32) Benzene-d6	5.970	84	281164	48.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
36) 1,2-Dichloropropane-d6	7.305	67	79937	48.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.180%
41) Toluene-d8	8.647	98	268621	48.673	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.340%
43) trans-1,3-Dichloroprop...	8.951	79	41706	49.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.560%
47) 2-Hexanone-d5	9.384	63	61318	100.139	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.140%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	119205	52.116	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	110628	54.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78585	49.592	ug/L	98
3) Chloromethane	1.294	50	66416	51.955	ug/L	97
5) Vinyl chloride	1.374	62	68452	49.927	ug/L	99
6) Bromomethane	1.593	94	47255	52.133	ug/L	90
8) Chloroethane	1.666	64	37861	50.774	ug/L	93
9) Trichlorofluoromethane	1.873	101	192537	77.806	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	69227	49.596	ug/L	98
12) 1,1-Dichloroethene	2.312	96	64849	50.551	ug/L	98
13) Acetone	2.386	43	56016	66.420	ug/L	100
14) Carbon disulfide	2.501	76	142188	52.548	ug/L	98
15) Methyl Acetate	2.703	43	54559	46.960	ug/L	100
16) Methylene chloride	2.782	84	71795	51.237	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	68700	53.129	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	238506	52.914	ug/L	99
19) 1,1-Dichloroethane	3.605	63	119248	52.302	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	79043	50.938	ug/L	96
22) 2-Butanone	4.562	43	82623	90.204	ug/L	99
23) Bromochloromethane	4.897	128	43563	52.239	ug/L	91
25) Chloroform	5.086	83	139046	52.635	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	108495	52.382	ug/L	100
29) Cyclohexane	5.458	56	98836	45.338	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	126406	48.350	ug/L	97
31) Carbon tetrachloride	5.672	117	108840	48.245	ug/L	99
33) Benzene	6.031	78	272741	47.655	ug/L	100
34) Trichloroethene	7.123	95	78441	41.290	ug/L	95
35) Methylcyclohexane	7.372	83	107680	44.348	ug/L	99
37) 1,2-Dichloropropane	7.427	63	68575	49.109	ug/L	100
38) Bromodichloromethane	7.818	83	93390	48.214	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	113768	48.128	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	164534	99.977	ug/L	99
42) Toluene	8.714	91	299775	47.997	ug/L	96
44) trans-1,3-Dichloropropene	8.976	75	109196	49.803	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	77250	48.009	ug/L	98
46) Tetrachloroethene	9.268	164	63582	46.527	ug/L	95
48) 2-Hexanone	9.433	43	124711	92.072	ug/L	97
49) Dibromochloromethane	9.518	129	80270	50.723	ug/L	100
50) 1,2-Dibromoethane	9.610	107	84167	48.652	ug/L	100
51) Chlorobenzene	10.079	112	218343	51.170	ug/L	99
52) Ethylbenzene	10.189	91	343518	50.277	ug/L	98
53) m,p-Xylene	10.299	106	135118	49.192	ug/L	93
54) o-Xylene	10.640	106	142476	52.099	ug/L	97
55) Styrene	10.652	104	239821	53.879	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	117192	50.498	ug/L	97
59) Bromoform	10.799	173	57064	56.425	ug/L	98
60) Isopropylbenzene	10.963	105	357636	54.444	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	90299	54.207	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	302610	54.705	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	302709	54.970	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	168118	53.872	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	163858	52.572	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	165502	52.011	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	22900	56.884	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	104002	49.728	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	93723	50.081	ug/L	100
71) Naphthalene	13.774	128	345736	53.008	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	101081	52.608	ug/L	100

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

