

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
 Data File : VX043883.D
 Acq On : 15 Nov 2024 17:59
 Operator : JC/MD
 Sample : P4785-14MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E27N6MS

Quant Time: Nov 16 00:13:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111424WMA.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	215454	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65046	48.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.240%
7) Chloroethane-d5	1.642	69	46776	51.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.780%
11) 1,1-Dichloroethene-d2	2.294	65	33252	55.089	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.180%
21) 2-Butanone-d5	4.459	46	74635	104.910	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.910%
24) Chloroform-d	5.050	84	152114	53.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.880%
26) 1,2-Dichloroethane-d4	5.952	65	97207	53.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.960%
32) Benzene-d6	5.964	84	282224	50.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
36) 1,2-Dichloropropane-d6	7.306	67	78385	48.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.700%
41) Toluene-d8	8.647	98	271185	50.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.946	79	42511	52.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.140%
47) 2-Hexanone-d5	9.384	63	63499	107.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.430%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	117700	53.308	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.620%
66) 1,2-Dichlorobenzene-d4	12.317	152	110373	53.119	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.240%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	83092	51.806	ug/L	98
3) Chloromethane	1.294	50	64620	49.943	ug/L	96
5) Vinyl chloride	1.374	62	69698	50.224	ug/L	100
6) Bromomethane	1.593	94	47386	51.649	ug/L	96
8) Chloroethane	1.660	64	40211	53.277	ug/L	100
9) Trichlorofluoromethane	1.868	101	188994	75.455	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	70801	50.114	ug/L	97
12) 1,1-Dichloroethene	2.306	96	66903	51.525	ug/L #	83
13) Acetone	2.386	43	58075	68.033	ug/L	100
14) Carbon disulfide	2.502	76	139220	50.832	ug/L	100
15) Methyl Acetate	2.703	43	56762	48.269	ug/L	98
16) Methylene chloride	2.782	84	74380	52.444	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	69391	53.018	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	246643	54.061	ug/L	99
19) 1,1-Dichloroethane	3.605	63	122304	52.998	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	82661	52.629	ug/L	98
22) 2-Butanone	4.562	43	83182	89.722	ug/L	99
23) Bromochloromethane	4.891	128	43765	51.850	ug/L	92
25) Chloroform	5.086	83	143390	53.627	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	113843	54.303	ug/L	98
29) Cyclohexane	5.464	56	100346	47.686	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	129181	51.188	ug/L	100
31) Carbon tetrachloride	5.672	117	111690	51.288	ug/L	99
33) Benzene	6.031	78	280621	50.795	ug/L	100
34) Trichloroethene	7.123	95	80386	43.835	ug/L	96
35) Methylcyclohexane	7.373	83	109388	46.671	ug/L	99
37) 1,2-Dichloropropane	7.428	63	66434	49.286	ug/L	99
38) Bromodichloromethane	7.818	83	96253	51.478	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	118861	52.090	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	174513	109.852	ug/L	100
42) Toluene	8.714	91	304621	50.527	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	111375	52.622	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	84401	54.339	ug/L	96
46) Tetrachloroethene	9.269	164	65510	49.661	ug/L	97
48) 2-Hexanone	9.433	43	131804	100.806	ug/L	99
49) Dibromochloromethane	9.519	129	80943	52.988	ug/L	98
50) 1,2-Dibromoethane	9.604	107	87723	52.531	ug/L	98
51) Chlorobenzene	10.079	112	215379	52.290	ug/L	99
52) Ethylbenzene	10.189	91	348099	52.779	ug/L	99
53) m,p-Xylene	10.299	106	137395	51.819	ug/L	89
54) o-Xylene	10.640	106	140772	53.327	ug/L	98
55) Styrene	10.653	104	233446	54.332	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	119006	53.123	ug/L	97
59) Bromoform	10.799	173	55626	53.930	ug/L	97
60) Isopropylbenzene	10.963	105	361199	53.913	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	94673	55.723	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	306272	54.286	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	302551	53.869	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	166100	52.186	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	163192	51.336	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	168626	51.958	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	25770	62.763	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.116	180	149874	70.262	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	142297	74.552	ug/L	98
71) Naphthalene	13.774	128	552302	83.026	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	149051	76.059	ug/L	99

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

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