

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111324\
 Data File : VX043840.D
 Acq On : 13 Nov 2024 17:48
 Operator : JC/MD
 Sample : P4785-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 14 04:30:41 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	6.775	114	270714	50.000	ug/L	0.02
28) Chlorobenzene-d5	10.055	117	230402	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119275	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	80216	55.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.240%
7) Chloroethane-d5	1.733	69	1333	2.150	ug/L	0.09
Spiked Amount	50.000	Range	70 - 130	Recovery	=	4.300%#
11) 1,1-Dichloroethene-d2	2.300	65	35409	53.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.380%
21) 2-Butanone-d5	4.477	46	71670	75.899	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.900%
24) Chloroform-d	5.050	84	140206	45.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.952	65	93390	47.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
32) Benzene-d6	5.976	84	290383	48.748	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
36) 1,2-Dichloropropane-d6	7.354	67	59604	32.889	ug/L	0.05
Spiked Amount	50.000	Range	70 - 120	Recovery	=	65.780%#
41) Toluene-d8	8.653	98	238597	44.093	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.180%
43) trans-1,3-Dichloroprop...	8.952	79	40921	47.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.420%
47) 2-Hexanone-d5	9.384	63	58894	82.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.110%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	106695	45.885	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.780%
66) 1,2-Dichlorobenzene-d4	12.317	152	104836	50.729	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.460%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	202997	111.843	ug/L	97
8) Chloroethane	1.660	64	1333	2.087	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	14510	9.173	ug/L	97
12) 1,1-Dichloroethene	2.312	96	175351	121.427	ug/L #	70
16) Methylene chloride	2.788	84	2704	1.550	ug/L	88
17) trans-1,2-Dichloroethene	3.081	96	91620	58.973	ug/L	89
19) 1,1-Dichloroethane	3.605	63	378361	123.676	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	5025960	2604.604	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	460806	165.098	ug/L	97
34) Trichloroethene	7.177	95	59879587	33915.181	ug/L	96
35) Methylcyclohexane	7.360	83	15649	5.933	ug/L #	20
40) 4-Methyl-2-pentanone	8.580	43	10581	4.444	ug/L #	96
42) Toluene	8.720	91	153715	22.253	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	12149	6.773	ug/L	91
46) Tetrachloroethene	9.275	164	102145	80.375	ug/L	94
53) m,p-Xylene	10.305	106	3903	1.347	ug/L	92

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

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