

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111124\
 Data File : VX043799.D
 Acq On : 11 Nov 2024 17:59
 Operator : JC/MD
 Sample : P4786-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E27N4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2024
 Supervised By : Mahesh Dadoda 11/12/2024

Quant Time: Nov 12 00:56:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 00:51:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.781	114	274873	50.000	ug/L	# 0.03
28) Chlorobenzene-d5	10.055	117	243769	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	131714	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65402	44.663	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.320%		
7) Chloroethane-d5	1.642	69	39703	63.077	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	126.160%		
11) 1,1-Dichloroethene-d2	2.300	65	31497	46.594	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.180%		
21) 2-Butanone-d5	4.495	46	71707	74.789	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.790%		
24) Chloroform-d	5.056	84	129709	41.089	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.180%		
26) 1,2-Dichloroethane-d4	5.958	65	83288	41.532	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.060%		
32) Benzene-d6	5.989	84	271619	43.098	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.200%		
36) 1,2-Dichloropropane-d6	7.391	67	59272	30.912	ug/L	0.09
Spiked Amount 50.000	Range 70 - 120		Recovery =	61.820%#		
41) Toluene-d8	8.653	98	241249	42.138	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.280%		
43) trans-1,3-Dichloroprop...	8.958	79	40191	43.830	ug/L	0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.660%		
47) 2-Hexanone-d5	9.384	63	65740	86.634	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.630%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	114906	46.706	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.420%		
66) 1,2-Dichlorobenzene-d4	12.317	152	103439	45.326	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.660%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	159742	86.680	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	91506	56.971	ug/L	97
12) 1,1-Dichloroethene	2.313	96	366591	250.015	ug/L #	66
13) Acetone	2.392	43	24286	27.235	ug/L	73
16) Methylene chloride	2.788	84	67564	38.140	ug/L	91
17) trans-1,2-Dichloroethene	3.087	96	170743	108.239	ug/L	93
19) 1,1-Dichloroethane	3.611	63	918578	295.716	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	10780627	5502.313	ug/L	98
27) 1,2-Dichloroethane	6.092	62	10987	4.266	ug/L #	84
30) 1,1,1-Trichloroethane	5.391	97	1504704	509.546	ug/L	98
33) Benzene	6.062	78	21562m	3.103	ug/L	
34) Trichloroethene	7.178	95	84920754m	45460.788	ug/L	
40) 4-Methyl-2-pentanone	8.580	43	99844	39.633	ug/L	94
42) Toluene	8.726	91	587069	80.330	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	16054	8.459	ug/L	91
46) Tetrachloroethene	9.275	164	480486	357.348	ug/L	96
51) Chlorobenzene	10.079	112	11882	2.488	ug/L	93
52) Ethylbenzene	10.195	91	25706	3.236	ug/L	93
53) m,p-Xylene	10.299	106	19452	6.343	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.640	106	9047	2.959	ug/L	93
63) 1,2,4-Trimethylbenzene	11.756	105	10591	1.386	ug/L	95

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

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