

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039240.D
 Acq On : 15 Dec 2023 19:53
 Operator : JC/MD
 Sample : 05844-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG4

Quant Time: Dec 16 01:52:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/16/2023
 Supervised By : Mahesh Dadoda 12/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	222448	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204688	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	66399	38.056	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.120%		
7) Chloroethane-d5	1.666	69	51889	40.235	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.480%		
11) 1,1-Dichloroethene-d2	2.306	65	34111	44.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.080%		
21) 2-Butanone-d5	4.446	46	155650	98.553	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.550%		
24) Chloroform-d	5.056	84	152226	49.286	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.580%		
26) 1,2-Dichloroethane-d4	5.952	65	105964	52.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.940%		
32) Benzene-d6	5.970	84	299597	47.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.860%		
36) 1,2-Dichloropropane-d6	7.305	67	97974	48.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.380%		
41) Toluene-d8	8.646	98	268606	46.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.840%		
43) trans-1,3-Dichloroprop...	8.951	79	47061	45.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.980%		
47) 2-Hexanone-d5	9.384	63	111478	91.810	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.810%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142201	49.308	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.620%		
66) 1,2-Dichlorobenzene-d4	12.316	152	92654	52.545	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.080%		
Target Compounds						Qvalue
5) Vinyl chloride	1.373	62	103999	56.909	ug/L	99
12) 1,1-Dichloroethene	2.318	96	1577244m	1100.630	ug/L	
13) Acetone	2.373	43	55279	36.434	ug/L	97
19) 1,1-Dichloroethane	3.611	63	258214	86.489	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	47863	27.330	ug/L	95
22) 2-Butanone	4.568	43	24749	13.291	ug/L	96
27) 1,2-Dichloroethane	6.092	62	18166	7.729	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	22778	9.172	ug/L	98
33) Benzene	6.037	78	28512	4.383	ug/L	100
34) Trichloroethene	7.122	95	57354	33.364	ug/L	98
46) Tetrachloroethene	9.274	164	2546	2.245	ug/L	90

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

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