

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034144.D
 Acq On : 13 Feb 2023 16:14
 Operator : JC/MD
 Sample : 01443-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 X3E90

Quant Time: Feb 14 00:09:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 13:44:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	126045	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	124728	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	46206	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25198	46.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.060%		
7) Chloroethane-d5	1.654	69	17773	44.156	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.320%		
11) 1,1-Dichloroethene-d2	2.307	63	55442	39.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.240%		
21) 2-Butanone-d5	4.452	46	41100m	95.825	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.820%		
24) Chloroform-d	5.050	84	85237	53.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.880%		
26) 1,2-Dichloroethane-d4	5.946	65	48629	45.216	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.440%		
32) Benzene-d6	5.971	84	131559	35.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.820%		
36) 1,2-Dichloropropane-d6	7.306	67	49815	43.394	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.780%		
41) Toluene-d8	8.647	98	161674	47.316	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.640%		
43) trans-1,3-Dichloroprop...	8.946	79	25306	47.806	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.620%		
47) 2-Hexanone-d5	9.385	63	41403	99.380	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.380%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	65731	43.293	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.580%		
66) 1,2-Dichlorobenzene-d4	12.317	152	49368	48.631	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	36238	26.834	ug/L	99
3) Chloromethane	1.295	50	15587	27.683	ug/L	93
5) Vinyl chloride	1.374	62	31178	52.699	ug/L	95
6) Bromomethane	1.599	94	6858	16.693	ug/L	95
8) Chloroethane	1.679	64	9778	30.280	ug/L	100
9) Trichlorofluoromethane	1.880	101	58843	48.518	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	15179	20.039	ug/L	93
12) 1,1-Dichloroethene	2.319	96	25045	38.365	ug/L	89
16) Methylene chloride	2.788	84	33004	48.607	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	15346	23.001	ug/L	97
19) 1,1-Dichloroethane	3.599	63	84672	71.012	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	40754	51.386	ug/L	96
23) Bromochloromethane	4.898	128	22644	49.244	ug/L	87
25) Chloroform	5.093	83	110109	77.356	ug/L	97
27) 1,2-Dichloroethane	6.080	62	95017	77.847	ug/L	94
30) 1,1,1-Trichloroethane	5.379	97	35731	23.303	ug/L	98
31) Carbon tetrachloride	5.678	117	90259	61.474	ug/L	100
33) Benzene	6.038	78	143307	40.398	ug/L	100
34) Trichloroethene	7.123	95	90315	82.897	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034144.D
 Acq On : 13 Feb 2023 16:14
 Operator : JC/MD
 Sample : 01443-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 X3E90

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

Quant Time: Feb 14 00:09:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 13:44:02 2023
 Response via : Initial Calibration

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

37) 1,2-Dichloropropane	7.428	63	38505	40.250	ug/L	98
38) Bromodichloromethane	7.818	83	25657	19.323	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	39983	27.395	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	62254	46.721	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	27082	29.073	ug/L	98
46) Tetrachloroethene	9.269	164	77908	79.568	ug/L	97
49) Dibromochloromethane	9.519	129	41980	38.045	ug/L	99
50) 1,2-Dibromoethane	9.610	107	34186	32.329	ug/L #	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	58525	40.875	ug/L	98
59) Bromoform	10.799	173	38706	63.869	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	135579	55.453	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	11277	57.648	ug/L	92

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

