Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100323\
Data File : VW027196.D
Acq On : 03 Oct 2023 11:58
Operator : SY/MD
Sample : 04696-03 1 PPB MDL
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 04 02:25:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 04 01:37:43 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-07

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/04/2023
Supervised By :Mahesh Dadoda 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	430230	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	551034	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	226506	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	4381m	0.648	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 2.600%#			
7) Chloroethane-d5	2.899	69	2425	0.454	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 1.800%#			
11) 1,1-Dichloroethene-d2	4.033	65	365	0.130	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 0.520%#			
21) 2-Butanone-d5	7.057	46	81	0.058	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.120%#			
24) Chloroform-d	7.672	84	16628	1.321	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery = 5.280%#			
26) 1,2-Dichloroethane-d4	8.306	65	2017	0.334	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 1.320%#			
32) Benzene-d6	8.276	84	6456	0.191	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 0.760%#			
36) 1,2-Dichloropropane-d6	9.276	67	2293	0.227	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 0.920%#			
41) Toluene-d8	10.324	98	9530	0.320	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 1.280%#			
43) trans-1,3-Dichloroprop...	10.568	79	792	0.200	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 0.800%#			
47) 2-Hexanone-d5	10.928	63	1299	0.840	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 1.680%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	3037	0.393	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 1.560%#			
66) 1,2-Dichlorobenzene-d4	13.641	152	150	0.020	ug/L	-0.21
Spiked Amount 25.000	Range 75 - 120		Recovery = 0.080%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	159117	28.463	ug/L	100
3) Chloromethane	2.228	50	212388	28.146	ug/L	99
5) Vinyl chloride	2.381	62	271729	32.981	ug/L	100
6) Bromomethane	2.789	94	186310	34.324	ug/L	100
8) Chloroethane	2.936	64	168911	33.781	ug/L	96
9) Trichlorofluoromethane	3.271	101	242716	35.052	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	232362	33.353	ug/L	94
12) 1,1-Dichloroethene	4.051	96	224790	33.773	ug/L #	69
13) Acetone	4.124	43	124862	72.310	ug/L	100
14) Carbon disulfide	4.386	76	717352	32.111	ug/L	99
15) Methyl Acetate	4.673	43	87936	30.383	ug/L	99
16) Methylene chloride	4.917	84	232682	27.628	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	219606	30.665	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	290598	32.426	ug/L	98
19) 1,1-Dichloroethane	6.215	63	377248	28.247	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	179915	23.568	ug/L	98
22) 2-Butanone	7.166	43	88236	41.317	ug/L	92
23) Bromochloromethane	7.520	128	80664	23.157	ug/L #	80
25) Chloroform	7.672	83	316068	24.264	ug/L	93

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27) 1,2-Dichloroethane	8.398	62	191980	24.059	ug/L		99
29) Cyclohexane	7.959	56	171308	11.685	ug/L	#	55
30) 1,1,1-Trichloroethane	7.874	97	258425	18.866	ug/L		97
31) Carbon tetrachloride	8.063	117	267110	20.645	ug/L		99
33) Benzene	8.325	78	585610	15.036	ug/L		100
34) Trichloroethene	9.093	95	263118	25.871	ug/L		97
35) Methylcyclohexane	9.337	83	302381	17.677	ug/L		97
37) 1,2-Dichloropropane	9.367	63	155678	15.513	ug/L		98
38) Bromodichloromethane	9.642	83	212480	17.629	ug/L		99
39) cis-1,3-Dichloropropene	10.081	75	240289	16.251	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	242419	49.793	ug/L		98
42) Toluene	10.385	91	748179	18.706	ug/L		94
44) trans-1,3-Dichloropropene	10.605	75	215071	17.747	ug/L		97
45) 1,1,2-Trichloroethane	10.782	97	203948	28.083	ug/L		99
46) Tetrachloroethene	10.861	164	220421	27.570	ug/L		94
48) 2-Hexanone	10.965	43	205573	53.861	ug/L		99
49) Dibromochloromethane	11.129	129	214602	27.247	ug/L		96
50) 1,2-Dibromoethane	11.233	107	181544	26.939	ug/L		98
51) Chlorobenzene	11.653	112	668115	25.172	ug/L		97
52) Ethylbenzene	11.727	91	1173646	26.120	ug/L		99
53) m,p-Xylene	11.836	106	438411	25.446	ug/L		97
54) o-Xylene	12.159	106	322535	20.040	ug/L		100
55) Styrene	12.178	104	553946	19.994	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.714	83	132992	15.267	ug/L	#	95
59) Bromoform	12.348	173	89676	25.072	ug/L		98
60) Isopropylbenzene	12.464	105	840602	25.203	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	98614	21.265	ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	723226	27.657	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	912443	35.605	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	369184	23.982	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	373237	24.133	ug/L		96
67) 1,2-Dichlorobenzene	13.866	146	311958	23.120	ug/L		91
68) 1,2-Dibromo-3-chloropr...	14.476	75	25699	25.872	ug/L		89
69) 1,3,5-Trichlorobenzene	14.622	180	283036	28.553	ug/L		97
70) 1,2,4-trichlorobenzene	15.128	180	296649	37.932	ug/L		95
71) Naphthalene	15.360	128	477205	34.584	ug/L		99
72) 1,2,3-Trichlorobenzene	15.543	180	240341	34.621	ug/L		98

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

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