

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080724\
 Data File : VW029847.D
 Acq On : 07 Aug 2024 13:22
 Operator : SY/MD
 Sample : P3391-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Aug 08 02:09:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 08 02:00:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	208079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	197040	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	85116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	49719	16.831	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.320%		
7) Chloroethane-d5	2.899	69	44711	21.200	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.800%		
11) 1,1-Dichloroethene-d2	4.021	65	25281	18.748	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.000%		
21) 2-Butanone-d5	7.075	46	24458	30.208	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.420%		
24) Chloroform-d	7.648	84	130762	24.276	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.120%		
26) 1,2-Dichloroethane-d4	8.307	65	69011	22.494	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.960%		
32) Benzene-d6	8.276	84	243823	22.902	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.600%		
36) 1,2-Dichloropropane-d6	9.276	67	80581	23.704	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.800%		
41) Toluene-d8	10.325	98	211291	22.320	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.280%		
43) trans-1,3-Dichloroprop...	10.581	79	25793	18.751	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.000%		
47) 2-Hexanone-d5	10.922	63	14887	26.558	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	53.120%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	47637	18.872	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.480%		
66) 1,2-Dichlorobenzene-d4	13.848	152	62307	23.575	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	3509m	1.251	ug/L	
3) Chloromethane	2.216	50	4621	1.331	ug/L	99
5) Vinyl chloride	2.375	62	5556	1.429	ug/L	100
6) Bromomethane	2.789	94	2967	1.389	ug/L	78
8) Chloroethane	2.936	64	3368	1.522	ug/L	94
9) Trichlorofluoromethane	3.265	101	3614m	1.163	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	4921m	1.591	ug/L	
12) 1,1-Dichloroethene	4.039	96	4220m	1.485	ug/L	
14) Carbon disulfide	4.387	76	11503	1.216	ug/L	100
15) Methyl Acetate	4.685	43	1668m	0.995	ug/L	
16) Methylene chloride	4.917	84	15531	3.570	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	3848	1.256	ug/L	86
18) Methyl tert-butyl Ether	5.429	73	4765m	0.944	ug/L	
19) 1,1-Dichloroethane	6.216	63	8516	1.318	ug/L	94
20) cis-1,2-Dichloroethene	7.173	96	4177	1.257	ug/L	93
22) 2-Butanone	7.191	43	3413m	2.647	ug/L	
23) Bromochloromethane	7.514	128	1580	1.120	ug/L	81
25) Chloroform	7.673	83	9463	1.555	ug/L	96
27) 1,2-Dichloroethane	8.404	62	5501	1.240	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080724\
 Data File : VW029847.D
 Acq On : 07 Aug 2024 13:22
 Operator : SY/MD
 Sample : P3391-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Aug 08 02:09:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 08 02:00:49 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	5178	0.925	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	6773	1.357	ug/L	98
31) Carbon tetrachloride	8.075	117	5551	1.235	ug/L	91
33) Benzene	8.325	78	17497	1.296	ug/L	100
34) Trichloroethene	9.093	95	4425	1.250	ug/L	98
35) Methylcyclohexane	9.337	83	6116	1.037	ug/L	91
37) 1,2-Dichloropropane	9.368	63	4985	1.347	ug/L	99
38) Bromodichloromethane	9.648	83	5471	1.242	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	5601	1.040	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	3569	1.519	ug/L	98
42) Toluene	10.386	91	17488	1.269	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	4385m	0.980	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	2850	1.147	ug/L	89
46) Tetrachloroethene	10.861	164	3219	1.251	ug/L	88
48) 2-Hexanone	10.971	43	2838m	1.612	ug/L	
49) Dibromochloromethane	11.129	129	2805	1.087	ug/L	97
50) 1,2-Dibromoethane	11.233	107	2383	1.036	ug/L #	90
51) Chlorobenzene	11.660	112	10973	1.280	ug/L	95
52) Ethylbenzene	11.727	91	17871	1.150	ug/L	99
53) m,p-Xylene	11.837	106	6316	1.105	ug/L	89
54) o-Xylene	12.160	106	5510	1.047	ug/L	90
55) Styrene	12.178	104	8456	0.927	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	3035	0.995	ug/L #	95
59) Bromoform	12.349	173	1368	1.068	ug/L #	84
60) Isopropylbenzene	12.458	105	14482	1.100	ug/L	97
61) 1,2,3-Trichloropropane	12.769	75	2142	1.035	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.940	105	10753	1.098	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	10554	1.008	ug/L	97
64) 1,3-Dichlorobenzene	13.501	146	7494	1.334	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	7867	1.363	ug/L	85
67) 1,2-Dichlorobenzene	13.867	146	6886	1.346	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.482	75	448m	0.953	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	5251	1.366	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	3752	1.158	ug/L	91
71) Naphthalene	15.354	128	4507	0.729	ug/L	95
72) 1,2,3-Trichlorobenzene	15.549	180	3337	1.138	ug/L	95

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

