

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073124\
 Data File : VW029811.D
 Acq On : 31 Jul 2024 12:43
 Operator : SY/MD
 Sample : P3391-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 01 05:37:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 01 04:42:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/01/2024
 Supervised By :Mahesh Dadoda 08/02/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	217906	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	210754	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	98227	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	56238	18.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.720%
7) Chloroethane-d5	2.899	69	47539	21.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.080%
11) 1,1-Dichloroethene-d2	4.021	65	28985	20.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.120%
21) 2-Butanone-d5	7.075	46	45815	54.034	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.060%
24) Chloroform-d	7.648	84	144137	25.552	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	8.301	65	86788	27.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.040%
32) Benzene-d6	8.276	84	272588	23.938	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.760%
36) 1,2-Dichloropropane-d6	9.270	67	91860	25.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.040%
41) Toluene-d8	10.325	98	237446	23.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	10.575	79	34355	23.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.400%
47) 2-Hexanone-d5	10.922	63	30479	50.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74413	27.562	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	80247	26.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	2743m	0.934	ug/L	
3) Chloromethane	2.216	50	4170	1.147	ug/L	99
5) Vinyl chloride	2.369	62	4458	1.095	ug/L	89
6) Bromomethane	2.783	94	2494	1.115	ug/L	99
8) Chloroethane	2.942	64	2371	1.023	ug/L	99
9) Trichlorofluoromethane	3.265	101	2995m	0.921	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	3635m	1.122	ug/L	
12) 1,1-Dichloroethene	4.039	96	3881	1.304	ug/L #	1
14) Carbon disulfide	4.393	76	9662	0.975	ug/L	96
15) Methyl Acetate	4.691	43	2243m	1.278	ug/L	
16) Methylene chloride	4.923	84	17739	3.894	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	3431	1.070	ug/L	91
18) Methyl tert-butyl Ether	5.435	73	5352m	1.012	ug/L	
19) 1,1-Dichloroethane	6.216	63	7154	1.057	ug/L	96
20) cis-1,2-Dichloroethene	7.179	96	3488m	1.002	ug/L	
23) Bromochloromethane	7.514	128	1688	1.143	ug/L #	86
25) Chloroform	7.673	83	7329	1.150	ug/L	95
27) 1,2-Dichloroethane	8.398	62	5350	1.152	ug/L	98
29) Cyclohexane	7.959	56	5020	0.838	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.880	97	5143	0.964	ug/L #	78
31) Carbon tetrachloride	8.075	117	4656	0.968	ug/L	98
33) Benzene	8.319	78	14597	1.011	ug/L	100
34) Trichloroethene	9.093	95	3838	1.014	ug/L	95
35) Methylcyclohexane	9.337	83	5523	0.876	ug/L	94
37) 1,2-Dichloropropane	9.367	63	4260	1.077	ug/L #	95
38) Bromodichloromethane	9.648	83	4894	1.039	ug/L #	97
39) cis-1,3-Dichloropropene	10.075	75	5151	0.894	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	4902	1.950	ug/L	98
42) Toluene	10.386	91	14809	1.005	ug/L	95
44) trans-1,3-Dichloropropene	10.599	75	6459	1.350	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	2887	1.086	ug/L	94
46) Tetrachloroethene	10.861	164	3136	1.140	ug/L	89
48) 2-Hexanone	10.971	43	3641	1.934	ug/L #	93
49) Dibromochloromethane	11.129	129	2656	0.962	ug/L	93
50) 1,2-Dibromoethane	11.233	107	2480	1.008	ug/L	82
51) Chlorobenzene	11.654	112	9376	1.023	ug/L	91
52) Ethylbenzene	11.727	91	15051	0.905	ug/L	99
53) m,p-Xylene	11.837	106	4932	0.807	ug/L	94
54) o-Xylene	12.166	106	4461	0.792	ug/L	91
55) Styrene	12.178	104	7537	0.772	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	3757	1.151	ug/L #	86
59) Bromoform	12.343	173	1515	1.025	ug/L #	91
60) Isopropylbenzene	12.458	105	11775	0.775	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	2730	1.143	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	9196	0.814	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	9190	0.761	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	6180	0.953	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	7071	1.061	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	6151	1.042	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	607m	1.119	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	4308	0.971	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	3220	0.861	ug/L	96
71) Naphthalene	15.360	128	5329	0.747	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	2896	0.856	ug/L	94

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

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