Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031523.D
Acq On : 26 Dec 2024 12:54
Operator : SY/MD
Sample : MDL3
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 27 00:40:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 27 00:21:46 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL3

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	548662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	479922	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	237906	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	173036	20.961	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.840%			
7) Chloroethane-d5	2.893	69	150549	24.653	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.600%			
11) 1,1-Dichloroethene-d2	4.015	65	78450	20.034	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.120%			
21) 2-Butanone-d5	7.093	46	74865	48.155	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.300%			
24) Chloroform-d	7.648	84	356568	23.719	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.880%			
26) 1,2-Dichloroethane-d4	8.301	65	187887	24.887	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.560%			
32) Benzene-d6	8.270	84	698595	22.711	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.840%			
36) 1,2-Dichloropropane-d6	9.270	67	209878	23.411	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.640%			
41) Toluene-d8	10.318	98	634682	22.179	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.720%			
43) trans-1,3-Dichloroprop...	10.575	79	77993	18.868	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.480%			
47) 2-Hexanone-d5	10.922	63	57425	47.631	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.260%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148434	26.370	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	214257	24.259	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	4793m	0.967	ug/L	
3) Chloromethane	2.216	50	6866m	1.233	ug/L	
5) Vinyl chloride	2.363	62	9368	1.213	ug/L #	66
6) Bromomethane	2.789	94	5582	1.176	ug/L	97
8) Chloroethane	2.930	64	5751	1.253	ug/L	92
9) Trichlorofluoromethane	3.265	101	8763	1.066	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9836m	1.481	ug/L	
12) 1,1-Dichloroethene	4.033	96	9165	1.363	ug/L #	1
14) Carbon disulfide	4.380	76	19918	0.908	ug/L	97
15) Methyl Acetate	4.710	43	4007m	1.629	ug/L	
17) trans-1,2-Dichloroethene	5.423	96	7746	1.068	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	13191	1.088	ug/L #	80
19) 1,1-Dichloroethane	6.216	63	14423	1.065	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	8605	1.097	ug/L	96
22) 2-Butanone	7.179	43	7106m	2.709	ug/L	
23) Bromochloromethane	7.508	128	3432	1.097	ug/L	86
25) Chloroform	7.673	83	19857	1.485	ug/L	96
27) 1,2-Dichloroethane	8.398	62	9579	1.139	ug/L #	91
29) Cyclohexane	7.953	56	13106	1.007	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	12747	1.028	ug/L		98
31) Carbon tetrachloride	8.063	117	11102	1.005	ug/L		96
33) Benzene	8.319	78	33654	1.135	ug/L		100
34) Trichloroethene	9.093	95	9264	1.106	ug/L		97
35) Methylcyclohexane	9.337	83	14147	0.970	ug/L		96
37) 1,2-Dichloropropane	9.367	63	8053	1.088	ug/L	#	94
38) Bromodichloromethane	9.642	83	9450	0.982	ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	12259	0.981	ug/L		93
40) 4-Methyl-2-pentanone	10.209	43	8057	2.053	ug/L		91
42) Toluene	10.386	91	35070	1.086	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	12952	1.269	ug/L		93
45) 1,1,2-Trichloroethane	10.782	97	5557	1.129	ug/L		95
46) Tetrachloroethene	10.855	164	6972	1.137	ug/L		88
48) 2-Hexanone	10.971	43	5098	1.527	ug/L		92
49) Dibromochloromethane	11.123	129	5591	0.958	ug/L		97
50) 1,2-Dibromoethane	11.233	107	5088	1.091	ug/L	#	83
51) Chlorobenzene	11.654	112	22656	1.119	ug/L		95
52) Ethylbenzene	11.727	91	40174	1.074	ug/L		97
53) m,p-Xylene	11.836	106	15009	1.054	ug/L		98
54) o-Xylene	12.166	106	13687	1.019	ug/L		98
55) Styrene	12.178	104	22178	0.993	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.708	83	6693	1.262	ug/L	#	91
59) Bromoform	12.342	173	2765	0.827	ug/L		97
60) Isopropylbenzene	12.458	105	40028	1.028	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	4330	1.064	ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	30841	0.934	ug/L		96
63) 1,2,4-Trimethylbenzene	13.245	105	30960	0.970	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	16543	1.049	ug/L		91
65) 1,4-Dichlorobenzene	13.574	146	17711	1.133	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	15821	1.164	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.476	75	1105	1.070	ug/L	#	76
69) 1,3,5-Trichlorobenzene	14.623	180	12019	1.088	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	10070	1.096	ug/L		94
71) Naphthalene	15.354	128	16068	0.997	ug/L		98
72) 1,2,3-Trichlorobenzene	15.543	180	8548	1.154	ug/L		98

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

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