Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
Data File : VW030536.D
Acq On : 11 Oct 2024 02:44
Operator : SY/MD
Sample : P4360-06MS
Misc : 5.59g/10mL/MSVOA_W/SOIL/A
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 11 03:29:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 11 02:35:02 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
A4FC8MS

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda
10/15/2024
Supervised By :Semsettin Yesilyurt
10/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	432306	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	392355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	167065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	113095	16.643	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.560%			
7) Chloroethane-d5	2.899	69	103789m	20.178	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.720%			
11) 1,1-Dichloroethene-d2	4.021	65	49017	17.343	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.360%			
21) 2-Butanone-d5	7.075	46	49049	40.109	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.220%			
24) Chloroform-d	7.648	84	259997	21.030	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.120%			
26) 1,2-Dichloroethane-d4	8.307	65	144325	22.450	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.800%			
32) Benzene-d6	8.276	84	469312	20.609	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.440%			
36) 1,2-Dichloropropane-d6	9.270	67	145050	21.702	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.800%			
41) Toluene-d8	10.319	98	424610	20.425	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.720%			
43) trans-1,3-Dichloroprop...	10.575	79	60688	21.684	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.720%			
47) 2-Hexanone-d5	10.922	63	40443	46.979	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.960%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	116904	23.816	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.280%			
66) 1,2-Dichlorobenzene-d4	13.848	152	118564	20.974	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	92243	16.701	ug/L	98
3) Chloromethane	2.228	50	126065	19.638	ug/L	98
5) Vinyl chloride	2.381	62	140540	17.802	ug/L	99
6) Bromomethane	2.783	94	97882	18.837	ug/L	99
8) Chloroethane	2.930	64	97316	20.165	ug/L	98
9) Trichlorofluoromethane	3.265	101	119249	16.882	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	110406	17.372	ug/L	91
12) 1,1-Dichloroethene	4.045	96	106446	18.353	ug/L	91
13) Acetone	4.124	43	32986	18.425	ug/L	93
14) Carbon disulfide	4.393	76	294214	15.534	ug/L	99
15) Methyl Acetate	4.673	43	40230	18.191	ug/L	100
16) Methylene chloride	4.917	84	119881	18.343	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	119222	19.049	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	181433	20.713	ug/L	99
19) 1,1-Dichloroethane	6.216	63	232606	19.997	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	134787	20.191	ug/L	97
22) 2-Butanone	7.173	43	54858	28.426	ug/L	99
23) Bromochloromethane	7.514	128	56720	19.422	ug/L #	81
25) Chloroform	7.673	83	247813	19.936	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	158634	19.344	ug/L	99
29) Cyclohexane	7.953	56	186781	19.557	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	188337	18.082	ug/L	99
31) Carbon tetrachloride	8.075	117	167970	18.056	ug/L	98
33) Benzene	8.319	78	511748	20.043	ug/L	100
34) Trichloroethene	9.093	95	130746	18.406	ug/L	99
35) Methylcyclohexane	9.331	83	204619	18.304	ug/L	99
37) 1,2-Dichloropropane	9.367	63	131935	20.689	ug/L	100
38) Bromodichloromethane	9.642	83	168086	19.812	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	185685	19.305	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	124137	40.521	ug/L	99
42) Toluene	10.386	91	545960	20.043	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	154386	19.100	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	88670	19.239	ug/L	98
46) Tetrachloroethene	10.861	164	91403	17.446	ug/L	93
48) 2-Hexanone	10.965	43	83457	33.312	ug/L	94
49) Dibromochloromethane	11.129	129	96348	18.736	ug/L	95
50) 1,2-Dibromoethane	11.233	107	79118	18.398	ug/L	94
51) Chlorobenzene	11.654	112	315227	17.977	ug/L	98
52) Ethylbenzene	11.727	91	586687	18.875	ug/L	99
53) m,p-Xylene	11.837	106	213451	18.330	ug/L	95
54) o-Xylene	12.166	106	210152	19.521	ug/L	97
55) Styrene	12.178	104	322981	17.549	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	96734	18.612	ug/L	95
59) Bromoform	12.349	173	48052	20.472	ug/L	98
60) Isopropylbenzene	12.458	105	565167	21.845	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69070	21.246	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	431311	21.131	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	418126	20.922	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	206491	18.336	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	200180	17.215	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	186044	18.774	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14650	20.211	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	111078	14.958	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	83166	13.911	ug/L	98
71) Naphthalene	15.360	128	173894	16.836	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	75067	14.484	ug/L	97

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

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