Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
Data File : VW030918.D
Acq On : 04 Nov 2024 20:13
Operator : SY/MD
Sample : P4622-13MS
Misc : 4.61g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 05 00:43:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 05 00:39:41 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BH6N7MS

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/05/2024
Supervised By :Mahesh Dadoda 11/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	587794	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	505322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	225915	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194991	20.227	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.920%			
7) Chloroethane-d5	2.893	69	153832	20.806	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.240%			
11) 1,1-Dichloroethene-d2	4.021	65	79281	19.930	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.720%			
21) 2-Butanone-d5	7.075	46	104450	65.838	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.680%			
24) Chloroform-d	7.648	84	367197	21.191	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.760%			
26) 1,2-Dichloroethane-d4	8.307	65	206924	24.017	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.080%			
32) Benzene-d6	8.270	84	709701	22.607	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.440%			
36) 1,2-Dichloropropane-d6	9.270	67	216346	23.377	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.520%			
41) Toluene-d8	10.318	98	592906	21.056	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.240%			
43) trans-1,3-Dichloroprop...	10.575	79	90731	24.187	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.760%			
47) 2-Hexanone-d5	10.922	63	86273	71.931	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 143.860%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	189238	29.350	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.400%			
66) 1,2-Dichlorobenzene-d4	13.848	152	181452	22.050	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	90083	14.388	ug/L	92
3) Chloromethane	2.222	50	141830	16.811	ug/L	99
5) Vinyl chloride	2.375	62	163769	16.379	ug/L	96
6) Bromomethane	2.783	94	106003	16.147	ug/L	98
8) Chloroethane	2.930	64	97587	16.100	ug/L	96
9) Trichlorofluoromethane	3.259	101	145574	15.954	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	133419	15.883	ug/L	96
12) 1,1-Dichloroethene	4.039	96	131896m	17.360	ug/L	
13) Acetone	4.118	43	97858	50.504	ug/L	97
14) Carbon disulfide	4.393	76	389658	15.601	ug/L	99
15) Methyl Acetate	4.673	43	69010	24.281	ug/L	99
16) Methylene chloride	4.917	84	141604	17.040	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	142028	17.040	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	233004	20.712	ug/L	99
19) 1,1-Dichloroethane	6.216	63	267327	17.187	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	156102	17.654	ug/L	96
22) 2-Butanone	7.167	43	122533	56.470	ug/L	99
23) Bromochloromethane	7.514	128	73161	18.893	ug/L	96
25) Chloroform	7.673	83	283506	17.324	ug/L	95

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	192471	18.884 ug/L	99
29) Cyclohexane	7.959	56	212115	17.516 ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	216835	16.705 ug/L	99
31) Carbon tetrachloride	8.069	117	193658	16.603 ug/L	99
33) Benzene	8.319	78	587107	18.026 ug/L	100
34) Trichloroethene	9.093	95	148239	16.505 ug/L	95
35) Methylcyclohexane	9.337	83	235806	16.565 ug/L	97
37) 1,2-Dichloropropane	9.367	63	152299	18.710 ug/L	99
38) Bromodichloromethane	9.642	83	198395	18.559 ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	235314	19.325 ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	207453	55.728 ug/L	99
42) Toluene	10.386	91	592995	17.193 ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	201367	19.906 ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	120157	20.565 ug/L	98
46) Tetrachloroethene	10.861	164	102780	14.969 ug/L	96
48) 2-Hexanone	10.965	43	173368	61.215 ug/L	98
49) Dibromochloromethane	11.123	129	128522	20.175 ug/L	98
50) 1,2-Dibromoethane	11.233	107	116995	21.714 ug/L #	93
51) Chlorobenzene	11.654	112	358720	16.251 ug/L	98
52) Ethylbenzene	11.727	91	592330	15.199 ug/L	100
53) m,p-Xylene	11.836	106	214847	14.658 ug/L	84
54) o-Xylene	12.160	106	214498	15.904 ug/L	99
55) Styrene	12.178	104	390072	16.928 ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	148355	23.267 ug/L	98
59) Bromoform	12.349	173	76376	23.676 ug/L	99
60) Isopropylbenzene	12.458	105	543766	15.779 ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	107691	25.426 ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	418581	15.427 ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	405726	15.355 ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	239940	15.857 ug/L	88
65) 1,4-Dichlorobenzene	13.568	146	244076	15.712 ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	235012	17.427 ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	24275	27.071 ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	137619	13.706 ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	127274	15.963 ug/L	99
71) Naphthalene	15.360	128	333513	25.804 ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	127671	18.580 ug/L	97

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

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