Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
Data File : VW029046.D
Acq On : 06 Jun 2024 18:32
Operator : SY/MD
Sample : P2696-10REMSD
Misc : 4.43g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BN7REMSD

Quant Time: Jun 07 00:28:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 07 00:21:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	411166	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	276601	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	73640	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	140841	21.562	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.240%			
7) Chloroethane-d5	2.893	69	114883	22.904	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.600%			
11) 1,1-Dichloroethene-d2	4.021	65	58949	20.533	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.120%			
21) 2-Butanone-d5	7.075	46	64641	48.436	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.880%			
24) Chloroform-d	7.648	84	261642	22.305	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.240%			
26) 1,2-Dichloroethane-d4	8.307	65	147455	23.877	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.520%			
32) Benzene-d6	8.276	84	495268	29.173	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.680%			
36) 1,2-Dichloropropane-d6	9.270	67	155648	30.238	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.960%#			
41) Toluene-d8	10.318	98	369611	24.397	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.600%			
43) trans-1,3-Dichloroprop...	10.575	79	47440	23.985	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.920%			
47) 2-Hexanone-d5	10.922	63	45076	66.359	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 132.720%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93926	26.266	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.080%			
66) 1,2-Dichlorobenzene-d4	13.848	152	49569	18.969	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 75.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	94039	20.029	ug/L	91
3) Chloromethane	2.222	50	127637	22.252	ug/L	97
5) Vinyl chloride	2.375	62	139968	20.159	ug/L	99
6) Bromomethane	2.789	94	71811	17.262	ug/L	98
8) Chloroethane	2.930	64	90745	21.641	ug/L	97
9) Trichlorofluoromethane	3.265	101	107155	18.566	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	91154	16.006	ug/L	98
12) 1,1-Dichloroethene	4.045	96	107374	20.660	ug/L	97
13) Acetone	4.124	43	43087	30.808	ug/L	98
14) Carbon disulfide	4.393	76	287344	16.330	ug/L	100
15) Methyl Acetate	4.673	43	45529	19.600	ug/L	99
16) Methylene chloride	4.923	84	132849	21.528	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	118474	20.908	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	206469	26.129	ug/L	99
19) 1,1-Dichloroethane	6.216	63	250271	22.465	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	128263	21.591	ug/L	94
22) 2-Butanone	7.173	43	79389	47.107	ug/L	99
23) Bromochloromethane	7.514	128	59545	22.962	ug/L	97
25) Chloroform	7.679	83	233378	21.568	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	170030	23.449	ug/L	100
29) Cyclohexane	7.953	56	121905	17.726	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	168114	26.232	ug/L	99
31) Carbon tetrachloride	8.069	117	133514	22.872	ug/L	97
33) Benzene	8.325	78	494081	28.727	ug/L	100
34) Trichloroethene	9.093	95	110925	24.532	ug/L	94
35) Methylcyclohexane	9.337	83	91358	11.910	ug/L	99
37) 1,2-Dichloropropane	9.367	63	132421	29.402	ug/L	100
38) Bromodichloromethane	9.642	83	151317	27.548	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	150321	22.966	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	175270	76.509	ug/L	98
42) Toluene	10.386	91	434949	24.755	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	126541	23.981	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	89088	29.288	ug/L	96
46) Tetrachloroethene	10.861	164	56906	16.565	ug/L	91
48) 2-Hexanone	10.965	43	118187	68.810	ug/L	98
49) Dibromochloromethane	11.129	129	85006	26.459	ug/L	96
50) 1,2-Dibromoethane	11.233	107	77695	27.981	ug/L	98
51) Chlorobenzene	11.654	112	219901	19.483	ug/L	98
52) Ethylbenzene	11.727	91	371441	18.607	ug/L	99
53) m,p-Xylene	11.836	106	131686	17.810	ug/L	97
54) o-Xylene	12.160	106	127341	18.599	ug/L	95
55) Styrene	12.178	104	196903	16.681	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	85560	24.917	ug/L	99
59) Bromoform	12.349	173	40677	42.957	ug/L	99
60) Isopropylbenzene	12.458	105	276517	26.533	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71404	51.405	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	169293	22.334	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	178723	22.310	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	88138	19.680	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	88747	18.973	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	76347	19.020	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	12324	41.626	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	31449	10.227	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	20766	8.332	ug/L	99
71) Naphthalene	15.360	128	54818	12.909	ug/L	98
72) 1,2,3-Trichlorobenzene	15.555	180	15373	7.220	ug/L	93

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

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