Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
Data File : VW030890.D
Acq On : 01 Nov 2024 16:59
Operator : SY/MD
Sample : P4603-03MSD
Misc : 6.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

Quant Time: Nov 04 00:55:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 01 03:09:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	630964	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	558094	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	261561	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	181181	18.268	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.080%			
7) Chloroethane-d5	2.893	69	162446	21.638	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.560%			
11) 1,1-Dichloroethene-d2	4.015	65	79737	19.330	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.320%			
21) 2-Butanone-d5	7.075	46	60208	33.733	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.460%			
24) Chloroform-d	7.648	84	398035	22.059	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.240%			
26) 1,2-Dichloroethane-d4	8.307	65	196076	20.897	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.600%			
32) Benzene-d6	8.270	84	741949	22.906	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.640%			
36) 1,2-Dichloropropane-d6	9.270	67	219714	23.110	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.440%			
41) Toluene-d8	10.325	98	653352	22.095	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.400%			
43) trans-1,3-Dichloroprop...	10.574	79	82349	20.685	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.760%			
47) 2-Hexanone-d5	10.922	63	50617	41.336	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.680%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	147440	21.117	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	195190	22.055	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	132723	16.464	ug/L	96
3) Chloromethane	2.222	50	157072	16.764	ug/L	96
5) Vinyl chloride	2.369	62	182202	15.813	ug/L	100
6) Bromomethane	2.789	94	116240	15.327	ug/L	95
8) Chloroethane	2.930	64	113329	16.090	ug/L	100
9) Trichlorofluoromethane	3.265	101	166038	16.105	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	149688	16.138	ug/L	97
12) 1,1-Dichloroethene	4.045	96	137609	16.256	ug/L	95
13) Acetone	4.118	43	57330	21.940	ug/L	96
14) Carbon disulfide	4.387	76	424957	15.373	ug/L	98
15) Methyl Acetate	4.667	43	43021	13.328	ug/L	98
16) Methylene chloride	4.923	84	142810	14.971	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	147741	16.174	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	208092	16.277	ug/L	98
19) 1,1-Dichloroethane	6.216	63	281422	16.576	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	160271	16.450	ug/L	99
22) 2-Butanone	7.173	43	66933	23.763	ug/L	98
23) Bromochloromethane	7.514	128	68208	16.002	ug/L	92
25) Chloroform	7.673	83	295827	16.306	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri Nov 01 03:09:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	179857	15.027 ug/L	99
29) Cyclohexane	7.953	56	236847	17.434 ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	241486	16.300 ug/L	98
31) Carbon tetrachloride	8.063	117	215807	16.309 ug/L	99
33) Benzene	8.325	78	623896	17.179 ug/L	100
34) Trichloroethene	9.087	95	163367	16.169 ug/L	96
35) Methylcyclohexane	9.337	83	266389	16.753 ug/L	99
37) 1,2-Dichloropropane	9.367	63	156828	17.290 ug/L	100
38) Bromodichloromethane	9.642	83	204337	16.932 ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	231670	16.933 ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	139591	32.034 ug/L	99
42) Toluene	10.386	91	654128	16.882 ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	188917	16.432 ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	106003	16.170 ug/L	97
46) Tetrachloroethene	10.855	164	122440	16.430 ug/L	98
48) 2-Hexanone	10.965	43	101880	28.589 ug/L	98
49) Dibromochloromethane	11.129	129	120043	16.411 ug/L	92
50) 1,2-Dibromoethane	11.233	107	96641	15.799 ug/L	97
51) Chlorobenzene	11.654	112	399856	16.031 ug/L	97
52) Ethylbenzene	11.727	91	723555	16.366 ug/L	96
53) m,p-Xylene	11.836	106	267827	16.170 ug/L	90
54) o-Xylene	12.166	106	252596	16.495 ug/L	93
55) Styrene	12.178	104	437252	16.703 ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	115526	15.627 ug/L	95
59) Bromoform	12.349	173	60463	16.453 ug/L	98
60) Isopropylbenzene	12.458	105	688960	17.009 ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	83236	16.354 ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	547520	17.133 ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	541923	17.320 ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	285520	16.194 ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	287973	15.818 ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	258774	16.679 ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	18017	15.876 ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	178596	15.361 ug/L	91
70) 1,2,4-trichlorobenzene	15.122	180	143793	15.363 ug/L	99
71) Naphthalene	15.360	128	256149	15.840 ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	130169	16.042 ug/L	98

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

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