Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030494.D
Acq On : 09 Oct 2024 23:35
Operator : SY/MD
Sample : P4329-08
Misc : 5.59g/10mL/MSVOA_W/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EN5

Quant Time: Oct 10 01:33:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 10 01:29:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	385877	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	356666	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	168218	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	122622	20.217	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.880%			
7) Chloroethane-d5	2.893	69	102098	22.237	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.960%			
11) 1,1-Dichloroethene-d2	4.021	65	53352	21.148	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.600%			
21) 2-Butanone-d5	7.081	46	49321	45.185	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.360%			
24) Chloroform-d	7.648	84	260718	23.626	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.520%			
26) 1,2-Dichloroethane-d4	8.307	65	135070	23.538	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.160%			
32) Benzene-d6	8.276	84	490604	23.700	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	9.276	67	143797	23.667	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.680%			
41) Toluene-d8	10.324	98	453602	24.003	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.000%			
43) trans-1,3-Dichloroprop...	10.574	79	61649	24.231	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.920%			
47) 2-Hexanone-d5	10.922	63	40124	51.272	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.540%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	106994	23.978	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.920%			
66) 1,2-Dichlorobenzene-d4	13.848	152	149118	26.199	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	96032	19.479	ug/L	95
3) Chloromethane	2.222	50	116817	20.387	ug/L	97
5) Vinyl chloride	2.375	62	140983	20.007	ug/L	100
6) Bromomethane	2.789	94	95733	20.641	ug/L	94
8) Chloroethane	2.936	64	89520	20.782	ug/L	96
9) Trichlorofluoromethane	3.271	101	120465	19.106	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	110901	19.550	ug/L	97
12) 1,1-Dichloroethene	4.045	96	105795	20.435	ug/L	93
13) Acetone	4.130	43	49301	30.851	ug/L	97
14) Carbon disulfide	4.387	76	340983	20.169	ug/L	100
15) Methyl Acetate	4.673	43	43155	21.862	ug/L	99
16) Methylene chloride	4.917	84	116848	20.030	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	119242	21.345	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	178133	22.783	ug/L	99
19) 1,1-Dichloroethane	6.222	63	222755	21.454	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	129114	21.669	ug/L	97
22) 2-Butanone	7.173	43	63064	36.610	ug/L	99
23) Bromochloromethane	7.514	128	54759	21.007	ug/L	94
25) Chloroform	7.679	83	236020	21.272	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	152338	20.811	ug/L		98
29) Cyclohexane	7.959	56	187532	21.600	ug/L		97
30) 1,1,1-Trichloroethane	7.874	97	191424	20.218	ug/L		99
31) Carbon tetrachloride	8.069	117	169729	20.071	ug/L		100
33) Benzene	8.325	78	500950	21.583	ug/L		100
34) Trichloroethene	9.093	95	132581	20.532	ug/L		99
35) Methylcyclohexane	9.337	83	212827	20.943	ug/L		100
37) 1,2-Dichloropropane	9.367	63	124249	21.434	ug/L		100
38) Bromodichloromethane	9.642	83	165407	21.447	ug/L		98
39) cis-1,3-Dichloropropene	10.075	75	189615	21.686	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	124626	44.751	ug/L		100
42) Toluene	10.385	91	534848	21.600	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	159107	21.654	ug/L		95
45) 1,1,2-Trichloroethane	10.788	97	89399	21.339	ug/L		98
46) Tetrachloroethene	10.861	164	98877	20.761	ug/L		98
48) 2-Hexanone	10.965	43	89482	39.291	ug/L		99
49) Dibromochloromethane	11.129	129	97636	20.886	ug/L		99
50) 1,2-Dibromoethane	11.233	107	82634	21.138	ug/L	#	92
51) Chlorobenzene	11.654	112	338607	21.243	ug/L		98
52) Ethylbenzene	11.727	91	629018	22.262	ug/L		98
53) m,p-Xylene	11.836	106	229901	21.719	ug/L		88
54) o-Xylene	12.166	106	220127	22.493	ug/L		90
55) Styrene	12.178	104	379157	22.663	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.714	83	101369	21.456	ug/L		99
59) Bromoform	12.349	173	54923	23.239	ug/L		98
60) Isopropylbenzene	12.458	105	616054	23.648	ug/L		100
61) 1,2,3-Trichloropropane	12.769	75	72040	22.008	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	507716	24.704	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	500120	24.854	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	262081	23.113	ug/L		94
65) 1,4-Dichlorobenzene	13.580	146	252820	21.593	ug/L		92
67) 1,2-Dichlorobenzene	13.867	146	229461	22.997	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	16147	22.123	ug/L		93
69) 1,3,5-Trichlorobenzene	14.623	180	172300	23.043	ug/L		95
70) 1,2,4-trichlorobenzene	15.129	180	141008	23.425	ug/L		98
71) Naphthalene	15.360	128	260091	25.009	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	119877	22.972	ug/L		98

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

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