Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121224\
Data File : VD080158.D
Acq On : 12 Dec 2024 21:45
Operator : RP/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025933

Quant Time: Dec 13 08:32:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 12 00:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	167125	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	167433	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	90201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	92787	34.835	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 139.360%			
7) Chloroethane-d5	2.799	69	84285	35.486	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 141.960%			
11) 1,1-Dichloroethene-d2	3.911	65	20542	20.092	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.360%			
21) 2-Butanone-d5	6.993	46	30668	51.566	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.140%			
24) Chloroform-d	7.569	84	111064	24.069	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.280%			
26) 1,2-Dichloroethane-d4	8.234	65	62029	25.402	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	8.204	84	211075	21.215	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.880%			
36) 1,2-Dichloropropane-d6	9.210	67	69962	20.710	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.840%			
41) Toluene-d8	10.269	98	191343	20.357	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.440%			
43) trans-1,3-Dichloroprop...	10.522	79	28545	20.637	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.560%			
47) 2-Hexanone-d5	10.875	63	23403	45.806	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.620%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	66457	22.988	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.960%			
66) 1,2-Dichlorobenzene-d4	13.816	152	67448	20.710	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	70181	22.781	ug/L	99
3) Chloromethane	2.152	50	114879	47.448	ug/L	98
5) Vinyl chloride	2.281	62	140674	42.025	ug/L	97
6) Bromomethane	2.693	94	72616	32.550	ug/L	98
8) Chloroethane	2.834	64	92212	41.323	ug/L	97
9) Trichlorofluoromethane	3.169	101	105049	21.505	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	59352	20.501	ug/L	98
12) 1,1-Dichloroethene	3.934	96	51471	20.367	ug/L	92
13) Acetone	4.022	43	37355	37.058	ug/L	99
14) Carbon disulfide	4.269	76	194662	23.743	ug/L	98
15) Methyl Acetate	4.564	43	30112	25.352	ug/L	98
16) Methylene chloride	4.799	84	70258	24.471	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	58712	22.947	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	126799	23.038	ug/L #	99
19) 1,1-Dichloroethane	6.111	63	119043	24.396	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	66638	24.235	ug/L	90
22) 2-Butanone	7.081	43	42260	42.402	ug/L	85
23) Bromochloromethane	7.434	128	31328	23.375	ug/L	96
25) Chloroform	7.599	83	126924	23.005	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Thu Dec 12 00:57:48 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	85567	27.119	ug/L	#	94
29) Cyclohexane	7.887	56	83876	21.046	ug/L		98
30) 1,1,1-Trichloroethane	7.793	97	98147	20.242	ug/L		99
31) Carbon tetrachloride	7.993	117	84820	21.105	ug/L		100
33) Benzene	8.252	78	267724	22.139	ug/L		100
34) Trichloroethene	9.028	95	64221	19.540	ug/L		93
35) Methylcyclohexane	9.275	83	93916	20.386	ug/L		98
37) 1,2-Dichloropropane	9.304	63	76019	21.940	ug/L		99
38) Bromodichloromethane	9.587	83	92213	21.108	ug/L		97
39) cis-1,3-Dichloropropene	10.016	75	102952	20.821	ug/L		99
40) 4-Methyl-2-pentanone	10.163	43	84180	43.939	ug/L		97
42) Toluene	10.334	91	283738	21.627	ug/L		98
44) trans-1,3-Dichloropropene	10.551	75	94439	23.185	ug/L		96
45) 1,1,2-Trichloroethane	10.734	97	56143	22.530	ug/L		93
46) Tetrachloroethene	10.810	164	51473	22.613	ug/L		97
48) 2-Hexanone	10.922	43	67228	42.959	ug/L		98
49) Dibromochloromethane	11.075	129	61469	22.723	ug/L		93
50) 1,2-Dibromoethane	11.181	107	50995	23.079	ug/L	#	98
51) Chlorobenzene	11.604	112	171998	21.904	ug/L		99
52) Ethylbenzene	11.681	91	296486	22.757	ug/L		94
53) m,p-Xylene	11.793	106	113423	22.771	ug/L		98
54) o-Xylene	12.122	106	107352	22.464	ug/L		93
55) Styrene	12.134	104	203808	23.562	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.669	83	68349	21.528	ug/L		96
59) Bromoform	12.298	173	38938	22.442	ug/L		98
60) Isopropylbenzene	12.422	105	280490	21.847	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	46431	21.789	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	216028	20.182	ug/L		100
63) 1,2,4-Trimethylbenzene	13.210	105	222019	21.801	ug/L		100
64) 1,3-Dichlorobenzene	13.457	146	137775	22.062	ug/L		97
65) 1,4-Dichlorobenzene	13.534	146	141745	21.055	ug/L		99
67) 1,2-Dichlorobenzene	13.828	146	126847	21.035	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.445	75	10370	23.116	ug/L		96
69) 1,3,5-Trichlorobenzene	14.592	180	87951	20.388	ug/L		98
70) 1,2,4-trichlorobenzene	15.098	180	73308	21.258	ug/L		99
71) Naphthalene	15.334	128	143845	21.956	ug/L		99
72) 1,2,3-Trichlorobenzene	15.516	180	72378	20.854	ug/L		94

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

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