Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100622\
Data File : VW024747.D
Acq On : 06 Oct 2022 09:30
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

Quant Time: Oct 07 03:00:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 06 01:37:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	555798	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	495266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	245513	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129605	22.288	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.160%			
7) Chloroethane-d5	2.885	69	75099	22.224	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.880%			
11) 1,1-Dichloroethene-d2	4.019	63	303190	22.526	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.120%			
21) 2-Butanone-d5	7.080	46	110528	52.867	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.740%			
24) Chloroform-d	7.647	84	351194	23.636	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.560%			
26) 1,2-Dichloroethane-d4	8.305	65	180714	23.445	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.800%			
32) Benzene-d6	8.275	84	683049	21.577	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.320%			
36) 1,2-Dichloropropane-d6	9.275	67	220897	22.839	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.360%			
41) Toluene-d8	10.323	98	591992	20.924	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.680%			
43) trans-1,3-Dichloroprop...	10.579	79	85481	19.846	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.400%			
47) 2-Hexanone-d5	10.921	63	86314	52.159	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.320%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	179606	26.062	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.240%			
66) 1,2-Dichlorobenzene-d4	13.847	152	189113	21.890	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	61256	17.951	ug/L	93
3) Chloromethane	2.221	50	141032	21.224	ug/L	97
5) Vinyl chloride	2.361	62	213048	31.182	ug/L	100
6) Bromomethane	2.776	94	96393	30.570	ug/L	98
8) Chloroethane	2.922	64	80715	28.022	ug/L	98
9) Trichlorofluoromethane	3.257	101	97138	25.413	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	210974	28.939	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	202810	27.893	ug/L	87
13) Acetone	4.123	43	85404	55.989	ug/L	99
14) Carbon disulfide	4.385	76	621787	27.089	ug/L	99
15) Methyl Acetate	4.672	43	96757	28.647	ug/L	97
16) Methylene chloride	4.922	84	214087	19.613	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	218892	26.794	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	335934	25.935	ug/L	100
19) 1,1-Dichloroethane	6.214	63	412796	27.008	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	239820	27.359	ug/L	98
22) 2-Butanone	7.171	43	132718	54.397	ug/L	99
23) Bromochloromethane	7.519	128	98963	27.778	ug/L	92
25) Chloroform	7.677	83	402896	27.798	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Thu Oct 06 01:37:00 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	254277	27.882	ug/L	98
29) Cyclohexane	7.952	56	395466	25.637	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	313832	26.187	ug/L	99
31) Carbon tetrachloride	8.067	117	270421	26.646	ug/L	100
33) Benzene	8.323	78	931186	26.863	ug/L	100
34) Trichloroethene	9.092	95	233480	26.574	ug/L	97
35) Methylcyclohexane	9.335	83	417760	25.938	ug/L	99
37) 1,2-Dichloropropane	9.366	63	235755	27.549	ug/L	99
38) Bromodichloromethane	9.646	83	287084	27.272	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	350829	25.924	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	280659	55.407	ug/L	99
42) Toluene	10.384	91	958961	26.789	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	294477	25.381	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	164747	28.184	ug/L	97
46) Tetrachloroethene	10.860	164	155248	26.006	ug/L	92
48) 2-Hexanone	10.963	43	196937	57.496	ug/L	98
49) Dibromochloromethane	11.122	129	176198	26.769	ug/L	95
50) 1,2-Dibromoethane	11.232	107	151706	27.419	ug/L	96
51) Chlorobenzene	11.652	112	593659	27.086	ug/L	97
52) Ethylbenzene	11.731	91	1062438	26.945	ug/L	98
53) m,p-Xylene	11.835	106	410370	26.653	ug/L	100
54) o-Xylene	12.164	106	393167	27.041	ug/L	91
55) Styrene	12.176	104	679780	27.734	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	198963	29.070	ug/L	98
59) Bromoform	12.347	173	86648	24.968	ug/L	98
60) Isopropylbenzene	12.463	105	1046754	26.159	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	146990	27.794	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	922758	26.532	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	896830	26.322	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	425155	26.153	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	421913	26.661	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	386778	27.316	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	31252	24.989	ug/L	99
69) 1,3,5-Trichlorobenzene	14.621	180	269855	25.001	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	228669	25.217	ug/L	99
71) Naphthalene	15.359	128	519788	26.326	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	196316	25.438	ug/L	96

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

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