Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024669.D
Acq On : 29 Sep 2022 10:54
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

Quant Time: Sep 30 02:34:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 29 04:41:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	550822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	485073	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	238430	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	157965	27.410	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.640%			
7) Chloroethane-d5	2.885	69	88346	26.380	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.520%			
11) 1,1-Dichloroethene-d2	4.019	63	346978	26.013	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.040%			
21) 2-Butanone-d5	7.079	46	108178	52.210	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.420%			
24) Chloroform-d	7.646	84	377765	25.654	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.600%			
26) 1,2-Dichloroethane-d4	8.305	65	191477	25.066	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.280%			
32) Benzene-d6	8.274	84	766343	24.717	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.880%			
36) 1,2-Dichloropropane-d6	9.274	67	233569	24.657	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.640%			
41) Toluene-d8	10.323	98	689853	24.895	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.560%			
43) trans-1,3-Dichloroprop...	10.579	79	102254	24.239	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.960%			
47) 2-Hexanone-d5	10.920	63	85021	52.457	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.920%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	174186	25.807	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.240%			
66) 1,2-Dichlorobenzene-d4	13.847	152	207088	24.683	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	71862	21.250	ug/L #	87
3) Chloromethane	2.214	50	144723	21.976	ug/L	99
5) Vinyl chloride	2.367	62	209212	30.898	ug/L	99
6) Bromomethane	2.781	94	93564	29.941	ug/L	97
8) Chloroethane	2.922	64	80142	28.074	ug/L	100
9) Trichlorofluoromethane	3.257	101	98388	25.973	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	201185	27.846	ug/L #	79
12) 1,1-Dichloroethene	4.043	96	197772	27.446	ug/L	96
13) Acetone	4.129	43	84582	55.951	ug/L	94
14) Carbon disulfide	4.391	76	650678	28.604	ug/L	100
15) Methyl Acetate	4.671	43	93787	28.018	ug/L	98
16) Methylene chloride	4.921	84	299343	27.672	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	220751	27.265	ug/L	92
18) Methyl tert-butyl Ether	5.427	73	337870	26.320	ug/L	99
19) 1,1-Dichloroethane	6.214	63	404132	26.680	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	231983	26.704	ug/L	94
22) 2-Butanone	7.171	43	132658	54.863	ug/L	99
23) Bromochloromethane	7.512	128	94117	26.657	ug/L	97
25) Chloroform	7.677	83	387508	26.978	ug/L	97

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	245265	27.136	ug/L	100
29) Cyclohexane	7.951	56	395327	26.166	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	318044	27.096	ug/L	99
31) Carbon tetrachloride	8.067	117	277716	27.940	ug/L	99
33) Benzene	8.323	78	900766	26.531	ug/L	100
34) Trichloroethene	9.091	95	225446	26.199	ug/L	96
35) Methylcyclohexane	9.335	83	414755	26.293	ug/L	99
37) 1,2-Dichloropropane	9.366	63	224577	26.794	ug/L	100
38) Bromodichloromethane	9.640	83	279325	27.092	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	355676	26.835	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	270249	54.473	ug/L	99
42) Toluene	10.384	91	945320	26.963	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	300889	26.478	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	155289	27.125	ug/L	96
46) Tetrachloroethene	10.859	164	157637	26.961	ug/L	92
48) 2-Hexanone	10.963	43	186410	55.566	ug/L	98
49) Dibromochloromethane	11.128	129	177030	27.461	ug/L	97
50) 1,2-Dibromoethane	11.231	107	147040	27.135	ug/L	96
51) Chlorobenzene	11.658	112	571782	26.636	ug/L	98
52) Ethylbenzene	11.731	91	1042299	26.990	ug/L	100
53) m,p-Xylene	11.835	106	400312	26.546	ug/L	95
54) o-Xylene	12.164	106	387229	27.192	ug/L	97
55) Styrene	12.176	104	653582	27.225	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	188012	28.048	ug/L	99
59) Bromoform	12.347	173	86254	25.592	ug/L	96
60) Isopropylbenzene	12.463	105	1038141	26.715	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	135990	26.478	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	876858	25.961	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	870980	26.323	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	410361	25.993	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	420206	27.342	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	367346	26.714	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	31212	25.698	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	275687	26.300	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	235588	26.752	ug/L	98
71) Naphthalene	15.358	128	520775	27.160	ug/L	98
72) 1,2,3-Trichlorobenzene	15.547	180	197643	26.371	ug/L	98

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

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