Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121322\
Data File : VW025138.D
Acq On : 13 Dec 2022 09:28
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

Quant Time: Dec 13 22:00:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 13 00:39:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	490839	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	424351	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203033	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	140459	24.824	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.280%			
7) Chloroethane-d5	2.891	69	96166	26.321	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.280%			
11) 1,1-Dichloroethene-d2	4.025	63	325285	26.241	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.960%			
21) 2-Butanone-d5	7.086	46	57957	40.800	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.600%			
24) Chloroform-d	7.646	84	315012	24.863	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.440%			
26) 1,2-Dichloroethane-d4	8.305	65	151978	23.653	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.600%			
32) Benzene-d6	8.274	84	646294	25.970	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.880%			
36) 1,2-Dichloropropane-d6	9.274	67	184114	25.426	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.720%			
41) Toluene-d8	10.323	98	584284	25.895	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.560%			
43) trans-1,3-Dichloroprop...	10.579	79	73133	23.909	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.640%			
47) 2-Hexanone-d5	10.920	63	47899	45.086	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.180%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120378	22.512	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.040%			
66) 1,2-Dichlorobenzene-d4	13.847	152	144658	21.020	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	63614	21.385	ug/L	96
3) Chloromethane	2.215	50	129875	24.795	ug/L	96
5) Vinyl chloride	2.367	62	177448	27.081	ug/L	98
6) Bromomethane	2.788	94	87741	25.842	ug/L	97
8) Chloroethane	2.928	64	84625	27.923	ug/L	98
9) Trichlorofluoromethane	3.263	101	141348	28.785	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	174258	26.865	ug/L	97
12) 1,1-Dichloroethene	4.043	96	164845	26.656	ug/L	98
13) Acetone	4.129	43	76722	52.542	ug/L	99
14) Carbon disulfide	4.385	76	522686	26.476	ug/L	99
15) Methyl Acetate	4.677	43	53686	22.526	ug/L	97
16) Methylene chloride	4.921	84	173742	22.647	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	177105	27.015	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	240120	24.685	ug/L	99
19) 1,1-Dichloroethane	6.220	63	316050	26.681	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	187824	27.095	ug/L	93
22) 2-Butanone	7.171	43	83740	45.585	ug/L	99
23) Bromochloromethane	7.518	128	74810	25.503	ug/L	96
25) Chloroform	7.677	83	315990	26.360	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Tue Dec 13 00:39:44 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	186518	24.713	ug/L	99
29) Cyclohexane	7.957	56	298752	27.803	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	274533	27.406	ug/L	100
31) Carbon tetrachloride	8.067	117	250952	27.246	ug/L	99
33) Benzene	8.323	78	718802	27.344	ug/L	100
34) Trichloroethene	9.091	95	184939	26.858	ug/L	90
35) Methylcyclohexane	9.335	83	336909	27.585	ug/L	99
37) 1,2-Dichloropropane	9.372	63	168806	26.624	ug/L	99
38) Bromodichloromethane	9.646	83	222959	26.619	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	263437	27.193	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	152622	46.958	ug/L	100
42) Toluene	10.390	91	758115	27.525	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	219252	26.427	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	113490	25.083	ug/L	98
46) Tetrachloroethene	10.859	164	135528	27.037	ug/L	98
48) 2-Hexanone	10.969	43	120922	50.936	ug/L	99
49) Dibromochloromethane	11.128	129	139079	25.594	ug/L	96
50) 1,2-Dibromoethane	11.237	107	106965	25.392	ug/L	95
51) Chlorobenzene	11.658	112	476136	27.013	ug/L	98
52) Ethylbenzene	11.731	91	860543	27.570	ug/L	99
53) m,p-Xylene	11.835	106	332845	27.924	ug/L	99
54) o-Xylene	12.164	106	307893	27.103	ug/L	96
55) Styrene	12.182	104	526309	27.357	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	126593	23.924	ug/L	98
59) Bromoform	12.347	173	69087	24.779	ug/L	97
60) Isopropylbenzene	12.463	105	863581	27.749	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	91761	23.513	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	742210	27.842	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	728808	28.142	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	351913	27.621	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	343042	26.736	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	257160	23.144	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17572	19.312	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	208429	23.039	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	161992	22.317	ug/L	97
71) Naphthalene	15.358	128	277877	19.528	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	131738	20.709	ug/L	99

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

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