Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100821\
Data File : VW020405.D
Acq On : 08 Oct 2021 13:08
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025570

Quant Time: Oct 09 04:09:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 08 12:17:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	219833	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	202048	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	105894	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	69222	21.640	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.560%			
7) Chloroethane-d5	2.879	69	37978	22.476	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.920%			
11) 1,1-Dichloroethene-d2	4.019	63	143436	21.883	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.520%			
21) 2-Butanone-d5	7.086	46	38314	39.357	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.720%			
24) Chloroform-d	7.653	84	155359	22.171	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.680%			
26) 1,2-Dichloroethane-d4	8.305	65	84756	21.177	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.720%			
32) Benzene-d6	8.275	84	302403	22.754	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	9.275	67	95236	21.987	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.960%			
41) Toluene-d8	10.323	98	271700	22.784	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.120%			
43) trans-1,3-Dichloroprop...	10.579	79	39008	22.161	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.640%			
47) 2-Hexanone-d5	10.927	63	27123	40.705	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.400%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	66307	20.252	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.000%			
66) 1,2-Dichlorobenzene-d4	13.853	152	88310	21.319	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	40498	28.508	ug/L	99
3) Chloromethane	2.209	50	70283	23.795	ug/L	97
5) Vinyl chloride	2.355	62	96392	23.202	ug/L	99
6) Bromomethane	2.776	94	42207	23.391	ug/L	92
8) Chloroethane	2.916	64	35268	22.990	ug/L	95
9) Trichlorofluoromethane	3.251	101	49989	21.148	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	77951	23.123	ug/L	99
12) 1,1-Dichloroethene	4.038	96	72995	23.617	ug/L	93
13) Acetone	4.135	43	36636	40.990	ug/L	98
14) Carbon disulfide	4.385	76	234016	23.277	ug/L	97
15) Methyl Acetate	4.678	43	35249	21.237	ug/L	99
16) Methylene chloride	4.916	84	82443	19.292	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	78032	24.063	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	106400	23.288	ug/L	100
19) 1,1-Dichloroethane	6.220	63	157835	23.742	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	80736	23.953	ug/L	96
22) 2-Butanone	7.177	43	47051	42.055	ug/L	99
23) Bromochloromethane	7.519	128	34213	23.143	ug/L	99
25) Chloroform	7.677	83	152679	23.624	ug/L	100

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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	8.403	62	101713	23.010	ug/L	100
29) Cyclohexane	7.958	56	149455	25.266	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	119999	23.907	ug/L	100
31) Carbon tetrachloride	8.067	117	104421	23.662	ug/L	99
33) Benzene	8.324	78	348939	24.247	ug/L	100
34) Trichloroethene	9.092	95	84428	23.814	ug/L	98
35) Methylcyclohexane	9.336	83	149574	24.653	ug/L	99
37) 1,2-Dichloropropane	9.372	63	89128	23.916	ug/L	99
38) Bromodichloromethane	9.646	83	106045	23.733	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	127012	24.702	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	100239	44.813	ug/L	99
42) Toluene	10.390	91	360026	24.941	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	108764	23.995	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	54973	22.974	ug/L	99
46) Tetrachloroethene	10.866	164	62140	24.402	ug/L	94
48) 2-Hexanone	10.969	43	72655	44.271	ug/L	100
49) Dibromochloromethane	11.128	129	61688	23.400	ug/L	98
50) 1,2-Dibromoethane	11.238	107	50229	22.853	ug/L	100
51) Chlorobenzene	11.658	112	212970	23.926	ug/L	99
52) Ethylbenzene	11.731	91	391832	25.032	ug/L	99
53) m,p-Xylene	11.841	106	145777	25.135	ug/L	100
54) o-Xylene	12.164	106	135542	25.306	ug/L	96
55) Styrene	12.183	104	242403	25.883	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	65315	22.019	ug/L	99
59) Bromoform	12.347	173	30980	20.883	ug/L	98
60) Isopropylbenzene	12.463	105	380429	24.477	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	48781	20.910	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	319544	25.181	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	317795	25.283	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	159252	23.681	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	158385	22.770	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	143478	23.288	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	10454	21.097	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	111984	23.353	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	88367	23.273	ug/L	100
71) Naphthalene	15.365	128	159721	23.396	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	78309	23.481	ug/L	100

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

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