Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020240.D
Acq On : 29 Sep 2021 18:08
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025560

Quant Time: Sep 30 01:06:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 30 00:57:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	283825	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	259418	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	140434	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	107471	18.509	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.040%			
7) Chloroethane-d5	2.898	69	97085	22.195	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.760%			
11) 1,1-Dichloroethene-d2	4.025	63	183534	20.188	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.760%			
21) 2-Butanone-d5	7.080	46	45107	50.342	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.680%			
24) Chloroform-d	7.653	84	216167	24.217	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.880%			
26) 1,2-Dichloroethane-d4	8.311	65	117606	24.480	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.920%			
32) Benzene-d6	8.281	84	402964	24.348	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.400%			
36) 1,2-Dichloropropane-d6	9.275	67	118307	24.700	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.800%			
41) Toluene-d8	10.329	98	381738	25.349	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.400%			
43) trans-1,3-Dichloroprop...	10.579	79	53019	25.898	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.600%			
47) 2-Hexanone-d5	10.927	63	36958	55.756	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.520%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	99670	26.977	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	130587	24.799	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	57239	23.025	ug/L	98
3) Chloromethane	2.221	50	84488	24.578	ug/L	100
5) Vinyl chloride	2.367	62	142351	26.372	ug/L	98
6) Bromomethane	2.788	94	95411	27.342	ug/L	97
8) Chloroethane	2.934	64	88691	27.171	ug/L	100
9) Trichlorofluoromethane	3.270	101	96194	25.330	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	100201	24.135	ug/L	100
12) 1,1-Dichloroethene	4.050	96	91794	24.388	ug/L	80
13) Acetone	4.135	43	34568	45.046	ug/L	100
14) Carbon disulfide	4.391	76	276359	23.347	ug/L	100
15) Methyl Acetate	4.678	43	35929	24.484	ug/L #	76
16) Methylene chloride	4.922	84	112779	22.519	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	97496	24.587	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	117811	25.028	ug/L	98
19) 1,1-Dichloroethane	6.220	63	179495	24.542	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	100723	24.977	ug/L	95
22) 2-Butanone	7.177	43	46300	46.506	ug/L	98
23) Bromochloromethane	7.519	128	46328	25.343	ug/L	97
25) Chloroform	7.677	83	194115	25.381	ug/L	99

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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	128220	25.475	ug/L	99
29) Cyclohexane	7.958	56	147003	25.466	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	163896	25.496	ug/L	100
31) Carbon tetrachloride	8.067	117	153402	26.228	ug/L	99
33) Benzene	8.330	78	407047	25.999	ug/L	100
34) Trichloroethene	9.092	95	106284	25.359	ug/L	97
35) Methylcyclohexane	9.336	83	178456	26.133	ug/L	99
37) 1,2-Dichloropropane	9.372	63	100304	25.866	ug/L	99
38) Bromodichloromethane	9.646	83	138417	26.359	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	150709	26.350	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	104540	53.527	ug/L	99
42) Toluene	10.390	91	447822	26.923	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	137737	26.810	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	73745	25.935	ug/L	98
46) Tetrachloroethene	10.866	164	82187	25.371	ug/L	97
48) 2-Hexanone	10.969	43	75031	55.151	ug/L	100
49) Dibromochloromethane	11.128	129	88179	26.539	ug/L	98
50) 1,2-Dibromoethane	11.238	107	68671	25.662	ug/L	100
51) Chlorobenzene	11.658	112	276104	25.522	ug/L	99
52) Ethylbenzene	11.731	91	486813	26.572	ug/L	100
53) m,p-Xylene	11.841	106	190292	27.245	ug/L	96
54) o-Xylene	12.164	106	177766	27.514	ug/L	97
55) Styrene	12.183	104	316298	28.174	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	89287	26.290	ug/L	97
59) Bromoform	12.353	173	48973	25.577	ug/L	100
60) Isopropylbenzene	12.463	105	493746	26.222	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	65723	24.785	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	414137	26.799	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	410762	27.059	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	217163	25.148	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	219046	24.545	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	197953	25.170	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	14547	24.438	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	146322	24.498	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	114966	24.941	ug/L	95
71) Naphthalene	15.365	128	209570	25.778	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	108940	26.247	ug/L	98

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

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