Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091621\
Data File : VW020035.D
Acq On : 16 Sep 2021 09:38
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025538

Quant Time: Sep 16 14:37:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	260606	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	250863	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	135504	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	118615	27.634	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.520%			
7) Chloroethane-d5	2.898	69	97399	26.363	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.440%			
11) 1,1-Dichloroethene-d2	4.032	63	183099	26.097	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.400%			
21) 2-Butanone-d5	7.086	46	45909	39.097	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.200%			
24) Chloroform-d	7.653	84	190614	26.545	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.200%			
26) 1,2-Dichloroethane-d4	8.305	65	109956	25.993	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.960%			
32) Benzene-d6	8.275	84	368249	26.905	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.600%			
36) 1,2-Dichloropropane-d6	9.274	67	106105	26.136	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.560%			
41) Toluene-d8	10.323	98	342524	26.698	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.800%			
43) trans-1,3-Dichloroprop...	10.579	79	48692	26.074	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.280%			
47) 2-Hexanone-d5	10.927	63	35633	42.964	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.920%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	98321	24.618	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	117617	25.470	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	72153	26.702	ug/L	93
3) Chloromethane	2.221	50	89992	24.730	ug/L	100
5) Vinyl chloride	2.373	62	154441	27.128	ug/L	98
6) Bromomethane	2.788	94	101024	25.321	ug/L	99
8) Chloroethane	2.934	64	93789	27.008	ug/L	98
9) Trichlorofluoromethane	3.269	101	83740	25.214	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	103169	27.613	ug/L	96
12) 1,1-Dichloroethene	4.044	96	94064	26.596	ug/L	86
13) Acetone	4.129	43	41031	36.794	ug/L	93
14) Carbon disulfide	4.391	76	315388	27.309	ug/L	99
15) Methyl Acetate	4.672	43	40395	20.770	ug/L	99
16) Methylene chloride	4.916	84	99516	21.671	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	97294	26.111	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	113947	24.487	ug/L	99
19) 1,1-Dichloroethane	6.220	63	175201	26.286	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	99166	25.775	ug/L	97
22) 2-Butanone	7.171	43	53486	38.272	ug/L	99
23) Bromochloromethane	7.519	128	46969	26.365	ug/L	96
25) Chloroform	7.683	83	185994	26.566	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	130265	26.593	ug/L	100
29) Cyclohexane	7.964	56	153882	27.246	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	156373	26.596	ug/L	99
31) Carbon tetrachloride	8.073	117	151612	27.640	ug/L	98
33) Benzene	8.323	78	414003	27.415	ug/L	100
34) Trichloroethene	9.092	95	103603	25.910	ug/L	95
35) Methylcyclohexane	9.335	83	186174	27.611	ug/L	97
37) 1,2-Dichloropropane	9.372	63	100046	27.368	ug/L	100
38) Bromodichloromethane	9.646	83	132942	26.959	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	148335	26.883	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	116340	44.615	ug/L	99
42) Toluene	10.390	91	454902	28.237	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	140530	26.897	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	76779	26.260	ug/L	97
46) Tetrachloroethene	10.866	164	86497	27.957	ug/L	97
48) 2-Hexanone	10.969	43	83813	44.838	ug/L	99
49) Dibromochloromethane	11.128	129	90198	26.846	ug/L	96
50) 1,2-Dibromoethane	11.238	107	73008	25.388	ug/L	99
51) Chlorobenzene	11.658	112	278612	26.675	ug/L	99
52) Ethylbenzene	11.731	91	487497	27.706	ug/L	96
53) m,p-Xylene	11.841	106	190747	28.493	ug/L	98
54) o-Xylene	12.170	106	174932	27.690	ug/L	98
55) Styrene	12.183	104	314531	28.956	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	95580	24.944	ug/L	99
59) Bromoform	12.353	173	50528	24.639	ug/L	96
60) Isopropylbenzene	12.463	105	488026	27.154	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	71533	22.575	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	399213	27.304	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	395906	27.576	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	209247	25.319	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	217005	25.763	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	199160	26.443	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	16082	21.037	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	147740	25.845	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	115014	25.694	ug/L	95
71) Naphthalene	15.365	128	237541	24.833	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	110322	26.256	ug/L	98

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

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