Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100821\
Data File : VW020404.D
Acq On : 08 Oct 2021 12:44
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 17:52:15 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	213712	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	199618	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	102347	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	70871	22.790	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.160%			
7) Chloroethane-d5	2.879	69	37363	22.746	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.000%			
11) 1,1-Dichloroethene-d2	4.019	63	145872	22.892	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.560%			
21) 2-Butanone-d5	7.086	46	43672	46.146	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.300%			
24) Chloroform-d	7.653	84	160468	23.556	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.240%			
26) 1,2-Dichloroethane-d4	8.311	65	91245	23.452	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.800%			
32) Benzene-d6	8.281	84	311537	23.726	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.920%			
36) 1,2-Dichloropropane-d6	9.275	67	99928	23.351	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.400%			
41) Toluene-d8	10.323	98	283763	24.086	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.360%			
43) trans-1,3-Dichloroprop...	10.579	79	41421	23.819	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.280%			
47) 2-Hexanone-d5	10.927	63	32175	48.874	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.740%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	75518	23.346	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.400%			
66) 1,2-Dichlorobenzene-d4	13.853	152	91986	22.976	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	38955	28.207	ug/L	98
3) Chloromethane	2.209	50	69271	24.124	ug/L	97
5) Vinyl chloride	2.355	62	97418	24.121	ug/L	97
6) Bromomethane	2.776	94	41913	23.893	ug/L	95
8) Chloroethane	2.916	64	34585	23.191	ug/L	95
9) Trichlorofluoromethane	3.251	101	50168	21.832	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	79877	24.373	ug/L	99
12) 1,1-Dichloroethene	4.038	96	73548	24.477	ug/L	92
13) Acetone	4.135	43	40940	47.118	ug/L	97
14) Carbon disulfide	4.385	76	234466	23.989	ug/L	100
15) Methyl Acetate	4.678	43	39433	24.438	ug/L	99
16) Methylene chloride	4.916	84	83583	20.119	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	78585	24.927	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	111848	25.182	ug/L	99
19) 1,1-Dichloroethane	6.220	63	159573	24.691	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	82004	25.026	ug/L	97
22) 2-Butanone	7.177	43	54384	50.002	ug/L	98
23) Bromochloromethane	7.519	128	35415	24.642	ug/L	93
25) Chloroform	7.677	83	153001	24.352	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	107557	25.029	ug/L	100
29) Cyclohexane	7.958	56	151630	25.945	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	120167	24.232	ug/L	99
31) Carbon tetrachloride	8.067	117	104368	23.938	ug/L	100
33) Benzene	8.323	78	349866	24.607	ug/L	100
34) Trichloroethene	9.092	95	84851	24.224	ug/L	98
35) Methylcyclohexane	9.335	83	151740	25.314	ug/L	100
37) 1,2-Dichloropropane	9.372	63	90899	24.688	ug/L	99
38) Bromodichloromethane	9.646	83	110783	25.095	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	128492	25.294	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	112640	50.970	ug/L	100
42) Toluene	10.390	91	359220	25.188	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	113811	25.414	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	59444	25.145	ug/L	98
46) Tetrachloroethene	10.866	164	61312	24.370	ug/L	97
48) 2-Hexanone	10.969	43	81735	50.410	ug/L	97
49) Dibromochloromethane	11.128	129	65565	25.174	ug/L	99
50) 1,2-Dibromoethane	11.238	107	54457	25.078	ug/L	100
51) Chlorobenzene	11.658	112	215086	24.458	ug/L	100
52) Ethylbenzene	11.731	91	392526	25.382	ug/L	99
53) m,p-Xylene	11.841	106	147696	25.776	ug/L	97
54) o-Xylene	12.164	106	137561	25.995	ug/L	94
55) Styrene	12.183	104	245041	26.484	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	71196	24.293	ug/L	99
59) Bromoform	12.353	173	34449	24.027	ug/L	98
60) Isopropylbenzene	12.463	105	385299	25.649	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	54040	23.967	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	324210	26.434	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	325048	26.756	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	157147	24.178	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	158712	23.608	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	147114	24.705	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	11549	24.114	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	116719	25.184	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	89765	24.460	ug/L	96
71) Naphthalene	15.365	128	174314	26.419	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	82101	25.472	ug/L	95

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

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