Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050522\
Data File : VW022874.D
Acq On : 06 May 2022 05:12
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

Quant Time: May 06 05:33:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 06 02:14:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	296067	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	296660	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	163511	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	126600	20.842	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.360%			
7) Chloroethane-d5	2.886	69	96239	24.353	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.400%			
11) 1,1-Dichloroethene-d2	4.019	63	164655	20.979	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.920%			
21) 2-Butanone-d5	7.080	46	62789	54.367	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.740%			
24) Chloroform-d	7.653	84	229396	26.446	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.800%			
26) 1,2-Dichloroethane-d4	8.305	65	126758	26.644	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.560%			
32) Benzene-d6	8.275	84	426535	24.945	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.760%			
36) 1,2-Dichloropropane-d6	9.275	67	129638	26.990	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.960%			
41) Toluene-d8	10.323	98	411840	24.933	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.720%			
43) trans-1,3-Dichloroprop...	10.579	79	52801	23.875	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.480%			
47) 2-Hexanone-d5	10.921	63	50488	55.062	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.120%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	126335	28.219	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	154884	27.098	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	38900	24.102	ug/L	93
3) Chloromethane	2.215	50	75618	24.246	ug/L	98
5) Vinyl chloride	2.361	62	141260	22.569	ug/L	95
6) Bromomethane	2.776	94	92618	23.047	ug/L	93
8) Chloroethane	2.922	64	73098	24.213	ug/L	92
9) Trichlorofluoromethane	3.257	101	60076	21.000	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	97097	22.699	ug/L	96
12) 1,1-Dichloroethene	4.044	96	86364	22.775	ug/L	88
13) Acetone	4.123	43	34100	39.437	ug/L	95
14) Carbon disulfide	4.385	76	202204	19.450	ug/L	98
15) Methyl Acetate	4.672	43	43427	25.000	ug/L	97
16) Methylene chloride	4.916	84	112066	25.868	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	99322	23.275	ug/L	93
18) Methyl tert-butyl Ether	5.422	73	167345	25.689	ug/L	99
19) 1,1-Dichloroethane	6.214	63	185563	25.658	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	116936	25.513	ug/L #	100
22) 2-Butanone	7.171	43	56790	46.964	ug/L	96
23) Bromochloromethane	7.513	128	53405	24.880	ug/L	93
25) Chloroform	7.677	83	212383	26.557	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	140436	26.344	ug/L	98
29) Cyclohexane	7.958	56	140095	21.836	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	169085	24.118	ug/L	99
31) Carbon tetrachloride	8.068	117	148809	22.691	ug/L	98
33) Benzene	8.324	78	429941	24.601	ug/L	100
34) Trichloroethene	9.092	95	115506	24.033	ug/L	99
35) Methylcyclohexane	9.336	83	175273	22.199	ug/L	99
37) 1,2-Dichloropropane	9.366	63	108486	25.651	ug/L	100
38) Bromodichloromethane	9.646	83	155416	25.872	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	162944	24.848	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	135042	50.660	ug/L	99
42) Toluene	10.384	91	496326	25.341	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	143447	24.507	ug/L	100
45) 1,1,2-Trichloroethane	10.787	97	91511	25.884	ug/L	97
46) Tetrachloroethene	10.860	164	84573	23.415	ug/L	82
48) 2-Hexanone	10.969	43	92316	51.831	ug/L	98
49) Dibromochloromethane	11.128	129	108601	25.522	ug/L	97
50) 1,2-Dibromoethane	11.232	107	88209	24.847	ug/L	94
51) Chlorobenzene	11.658	112	334176	25.881	ug/L	99
52) Ethylbenzene	11.731	91	560842	25.739	ug/L	99
53) m,p-Xylene	11.835	106	221996	25.857	ug/L	97
54) o-Xylene	12.164	106	219267	26.614	ug/L	94
55) Styrene	12.177	104	378600	27.043	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	117497	26.608	ug/L	98
59) Bromoform	12.347	173	58928	25.430	ug/L	99
60) Isopropylbenzene	12.463	105	593381	26.490	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	84686	25.921	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	319642	25.649	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	491860	26.285	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	254955	25.493	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	253221	24.513	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	239108	26.127	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16962	23.755	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	160376	24.158	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	137061	25.666	ug/L	98
71) Naphthalene	15.359	128	310607	26.761	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	119450	25.238	ug/L	96

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

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