Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023312.D
Acq On : 25 May 2022 11:35
Operator : SY/VA
Sample : N2995-14MSD
Misc : 4.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

Quant Time: May 26 01:29:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 26 01:27:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	389655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	399486	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	229092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	113795	14.234	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.920%			
7) Chloroethane-d5	2.885	69	96391	18.533	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.120%			
11) 1,1-Dichloroethene-d2	4.019	63	187800	18.181	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.720%			
21) 2-Butanone-d5	7.074	46	89693	59.009	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.020%			
24) Chloroform-d	7.647	84	272045	23.830	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.320%			
26) 1,2-Dichloroethane-d4	8.305	65	146778	23.442	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.760%			
32) Benzene-d6	8.275	84	472427	20.517	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.080%			
36) 1,2-Dichloropropane-d6	9.274	67	147697	22.835	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.320%			
41) Toluene-d8	10.323	98	439791	19.772	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.080%			
43) trans-1,3-Dichloroprop...	10.579	79	69818	23.443	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.760%			
47) 2-Hexanone-d5	10.920	63	78758	63.785	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.560%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	173405	28.763	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.040%			
66) 1,2-Dichlorobenzene-d4	13.853	152	198070	24.733	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	42831	20.164	ug/L	94
3) Chloromethane	2.215	50	106139	25.858	ug/L	100
5) Vinyl chloride	2.361	62	167389	20.320	ug/L	97
6) Bromomethane	2.782	94	92042	17.402	ug/L	99
8) Chloroethane	2.922	64	89672	22.569	ug/L	99
9) Trichlorofluoromethane	3.257	101	79194	21.034	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	125814	22.348	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	113290	22.701	ug/L	82
13) Acetone	4.117	43	49227	43.258	ug/L	96
14) Carbon disulfide	4.385	76	292668	21.391	ug/L	100
15) Methyl Acetate	4.665	43	50504	22.091	ug/L	98
16) Methylene chloride	4.915	84	124616	21.856	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	127134	22.637	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	223215	26.036	ug/L	100
19) 1,1-Dichloroethane	6.214	63	226317	23.777	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	144388	23.936	ug/L	100
22) 2-Butanone	7.171	43	72748	45.711	ug/L	98
23) Bromochloromethane	7.513	128	70053	24.797	ug/L	88
25) Chloroform	7.677	83	254465	24.177	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Thu May 26 01:27:55 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	167059	23.811	ug/L	96
29) Cyclohexane	7.958	56	192396	22.269	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	220065	23.311	ug/L	99
31) Carbon tetrachloride	8.067	117	201883	22.861	ug/L	99
33) Benzene	8.323	78	533865	22.685	ug/L	100
34) Trichloroethene	9.092	95	144221	22.283	ug/L	94
35) Methylcyclohexane	9.335	83	234063	22.014	ug/L	99
37) 1,2-Dichloropropane	9.366	63	130823	22.971	ug/L	99
38) Bromodichloromethane	9.646	83	186123	23.009	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	210748	23.865	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	180137	50.183	ug/L	99
42) Toluene	10.384	91	609970	23.127	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	196169	24.888	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	114452	24.040	ug/L	97
46) Tetrachloroethene	10.860	164	116217	23.894	ug/L	93
48) 2-Hexanone	10.969	43	125487	52.320	ug/L	100
49) Dibromochloromethane	11.128	129	138796	24.223	ug/L	100
50) 1,2-Dibromoethane	11.237	107	113457	23.733	ug/L	92
51) Chlorobenzene	11.652	112	407526	23.438	ug/L	99
52) Ethylbenzene	11.731	91	693815	23.646	ug/L	100
53) m,p-Xylene	11.835	106	274169	23.714	ug/L	97
54) o-Xylene	12.164	106	264727	23.861	ug/L	100
55) Styrene	12.176	104	457101	24.247	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	147957	24.881	ug/L	100
59) Bromoform	12.347	173	76613	23.598	ug/L	96
60) Isopropylbenzene	12.463	105	718534	22.895	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	105973	23.151	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	396959	22.735	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	610645	23.292	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	332769	23.748	ug/L	91
65) 1,4-Dichlorobenzene	13.572	146	332537	22.976	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	309493	24.137	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23114	23.105	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	214986	23.114	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	184990	24.725	ug/L	99
71) Naphthalene	15.359	128	432067	26.569	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	166106	25.049	ug/L	97

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

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