Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023180.D
Acq On : 19 May 2022 18:09
Operator : SY/VA
Sample : N2926-03MSD
Misc : 4.84g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

Quant Time: May 20 01:52:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	391077	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	367931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	181062	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151350	18.863	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.440%			
7) Chloroethane-d5	2.885	69	112659	21.582	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.320%			
11) 1,1-Dichloroethene-d2	4.025	63	194623	18.773	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.080%			
21) 2-Butanone-d5	7.074	46	75724	49.638	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.280%			
24) Chloroform-d	7.653	84	278987	24.349	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.400%			
26) 1,2-Dichloroethane-d4	8.305	65	149558	23.800	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.200%			
32) Benzene-d6	8.275	84	521072	24.570	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.280%			
36) 1,2-Dichloropropane-d6	9.274	67	157771	26.484	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.920%			
41) Toluene-d8	10.323	98	499433	24.379	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.520%			
43) trans-1,3-Dichloroprop...	10.579	79	63840	23.274	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.080%			
47) 2-Hexanone-d5	10.920	63	62653	55.093	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.180%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	145708	26.242	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	160730	25.395	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	36577	17.157	ug/L	89
3) Chloromethane	2.215	50	77879	18.904	ug/L	98
5) Vinyl chloride	2.361	62	138188	16.714	ug/L	100
6) Bromomethane	2.776	94	82700	15.579	ug/L	97
8) Chloroethane	2.922	64	74605	18.709	ug/L	100
9) Trichlorofluoromethane	3.263	101	65071	17.220	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	107711	19.063	ug/L	96
12) 1,1-Dichloroethene	4.044	96	89849	17.938	ug/L	93
13) Acetone	4.123	43	52045	45.568	ug/L	95
14) Carbon disulfide	4.385	76	167841	12.223	ug/L	98
15) Methyl Acetate	4.672	43	44519	19.402	ug/L	95
16) Methylene chloride	4.915	84	110028	19.227	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	97529	17.303	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	190833	22.178	ug/L	99
19) 1,1-Dichloroethane	6.214	63	199726	20.907	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	122932	20.305	ug/L	94
22) 2-Butanone	7.171	43	67519	42.271	ug/L	98
23) Bromochloromethane	7.512	128	57410	20.248	ug/L	91
25) Chloroform	7.677	83	229872	21.761	ug/L	98

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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	8.396	62	140969	20.020	ug/L		99
29) Cyclohexane	7.958	56	138717	17.433	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	185347	21.317	ug/L		99
31) Carbon tetrachloride	8.067	117	167907	20.644	ug/L		100
33) Benzene	8.323	78	460834	21.261	ug/L		100
34) Trichloroethene	9.091	95	120431	20.204	ug/L		97
35) Methylcyclohexane	9.335	83	156509	15.983	ug/L		97
37) 1,2-Dichloropropane	9.366	63	116996	22.305	ug/L		99
38) Bromodichloromethane	9.646	83	165165	22.169	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	180660	22.213	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	145864	44.120	ug/L		98
42) Toluene	10.384	91	516627	21.268	ug/L		98
44) trans-1,3-Dichloropropene	10.603	75	155948	21.482	ug/L		97
45) 1,1,2-Trichloroethane	10.786	97	101274	23.096	ug/L		97
46) Tetrachloroethene	10.866	164	86404	19.288	ug/L		93
48) 2-Hexanone	10.969	43	112268	50.823	ug/L		99
49) Dibromochloromethane	11.128	129	116384	22.053	ug/L		94
50) 1,2-Dibromoethane	11.231	107	90486	20.551	ug/L		98
51) Chlorobenzene	11.658	112	346272	21.623	ug/L		99
52) Ethylbenzene	11.731	91	573262	21.213	ug/L		98
53) m,p-Xylene	11.841	106	225096	21.139	ug/L		100
54) o-Xylene	12.164	106	220530	21.582	ug/L		100
55) Styrene	12.176	104	382959	22.056	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	123146	22.485	ug/L		97
59) Bromoform	12.347	173	63893	24.900	ug/L	#	98
60) Isopropylbenzene	12.463	105	594529	23.968	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	86413	23.886	ug/L		98
62) 1,3,5-Trimethylbenzene	12.938	105	310350	22.489	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	476104	22.977	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	236204	21.329	ug/L		97
65) 1,4-Dichlorobenzene	13.578	146	241658	21.126	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	230555	22.750	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17585	22.241	ug/L		92
69) 1,3,5-Trichlorobenzene	14.627	180	131702	17.916	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	92876	15.706	ug/L		99
71) Naphthalene	15.359	128	248704	19.350	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	77121	14.715	ug/L		92

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

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