Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024358.D
Acq On : 26 Aug 2022 18:40
Operator : SY/VA
Sample : N4344-14MS
Misc : 5.48g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVR2MS

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 27 00:42:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 27 00:35:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.841	114	191895	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.628	117	197487	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	127830	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.343	65	160409	30.325 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.280%		
7) Chloroethane-d5	2.873	69	126100	31.817 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.280%		
11) 1,1-Dichloroethene-d2	4.013	63	98061	21.375 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.480%		
21) 2-Butanone-d5	7.080	46	51141	52.489 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.980%		
24) Chloroform-d	7.647	84	149866	24.292 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.160%		
26) 1,2-Dichloroethane-d4	8.305	65	95612	25.556 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.240%		
32) Benzene-d6	8.275	84	270230	23.882 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.520%		
36) 1,2-Dichloropropane-d6	9.274	67	87192	24.778 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.120%		
41) Toluene-d8	10.323	98	258437	24.022 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.080%		
43) trans-1,3-Dichloroprop...	10.579	79	41636	25.284 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.120%		
47) 2-Hexanone-d5	10.920	63	47994	60.947 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.900%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	116993	29.365 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.480%		
66) 1,2-Dichlorobenzene-d4	13.853	152	123166	25.586 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.360%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.001	85	43762	22.769 ug/L	98
3) Chloromethane	2.215	50	79515	22.143 ug/L	100
5) Vinyl chloride	2.349	62	168921	26.910 ug/L	100
6) Bromomethane	2.763	94	110825	25.152 ug/L	95
8) Chloroethane	2.910	64	89512	27.297 ug/L	100
9) Trichlorofluoromethane	3.245	101	52676	17.845 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	58160	20.542 ug/L	99
12) 1,1-Dichloroethene	4.037	96	46379	20.234 ug/L	90
13) Acetone	4.129	43	26524	45.618 ug/L	97
14) Carbon disulfide	4.379	76	154075	20.226 ug/L	97
15) Methyl Acetate	4.672	43	30742	21.613 ug/L	97
16) Methylene chloride	4.909	84	64118m	19.923 ug/L	
17) trans-1,2-Dichloroethene	5.415	96	54663	20.148 ug/L	96
18) Methyl tert-butyl Ether	5.427	73	97446	21.936 ug/L	96
19) 1,1-Dichloroethane	6.214	63	104082	20.288 ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	63752m	21.368 ug/L	
22) 2-Butanone	7.177	43	48235	46.497 ug/L	100
23) Bromochloromethane	7.506	128	30762	21.115 ug/L	92
25) Chloroform	7.677	83	118359	20.793 ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	91646	22.119	ug/L		97
29) Cyclohexane	7.951	56	85497	20.081	ug/L		98
30) 1,1,1-Trichloroethane	7.866	97	91709	19.697	ug/L		99
31) Carbon tetrachloride	8.067	117	81275	19.081	ug/L		99
33) Benzene	8.323	78	254993	20.738	ug/L		100
34) Trichloroethene	9.091	95	61389	18.943	ug/L		93
35) Methylcyclohexane	9.335	83	101323	19.487	ug/L		99
37) 1,2-Dichloropropane	9.366	63	65551	20.658	ug/L	#	97
38) Bromodichloromethane	9.640	83	89225	20.648	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	95298	21.485	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	113806	50.438	ug/L		98
42) Toluene	10.384	91	308224	22.715	ug/L		98
44) trans-1,3-Dichloropropene	10.603	75	94399	21.902	ug/L		94
45) 1,1,2-Trichloroethane	10.786	97	55991	21.638	ug/L		96
46) Tetrachloroethene	10.859	164	155968	61.970	ug/L		95
48) 2-Hexanone	10.969	43	85161	51.169	ug/L		99
49) Dibromochloromethane	11.128	129	65786	21.495	ug/L		92
50) 1,2-Dibromoethane	11.231	107	54612	21.953	ug/L		93
51) Chlorobenzene	11.658	112	193320	21.226	ug/L		98
52) Ethylbenzene	11.731	91	339653	22.640	ug/L		98
53) m,p-Xylene	11.835	106	134188	22.776	ug/L		96
54) o-Xylene	12.164	106	129345	23.485	ug/L		98
55) Styrene	12.182	104	251315	25.814	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	85655	23.716	ug/L		99
59) Bromoform	12.347	173	42458	20.697	ug/L		98
60) Isopropylbenzene	12.463	105	361597	21.298	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	61185	21.166	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	293980	21.474	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	296544	22.301	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	159555	19.656	ug/L		94
65) 1,4-Dichlorobenzene	13.572	146	169530	19.781	ug/L		98
67) 1,2-Dichlorobenzene	13.871	146	162287	21.328	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	14800	20.378	ug/L		92
69) 1,3,5-Trichlorobenzene	14.627	180	97705	18.648	ug/L		95
70) 1,2,4-trichlorobenzene	15.127	180	77756	19.091	ug/L		97
71) Naphthalene	15.365	128	179353	20.051	ug/L		98
72) 1,2,3-Trichlorobenzene	15.554	180	67642	17.572	ug/L		91

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

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