Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024361.D
Acq On : 26 Aug 2022 19:54
Operator : SY/VA
Sample : N4345-11MS
Misc : 5.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 27 00:44:00 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

Instrument :
MSVOA_W
ClientSampleId :
DBVT0MS

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

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.842	114	220496	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.628	117	252215	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	159897	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.337	65	197176	32.440 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 129.760%		
7) Chloroethane-d5	2.873	69	140535	30.859 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 123.440%		
11) 1,1-Dichloroethene-d2	4.007	63	123523	23.432 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.720%		
21) 2-Butanone-d5	7.080	46	56426	50.402 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.800%		
24) Chloroform-d	7.647	84	188908	26.649 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.600%		
26) 1,2-Dichloroethane-d4	8.305	65	116286	27.050 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.200%		
32) Benzene-d6	8.269	84	341754	23.650 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.600%		
36) 1,2-Dichloropropane-d6	9.275	67	112293	24.987 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.960%		
41) Toluene-d8	10.323	98	338441	24.633 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.520%		
43) trans-1,3-Dichloroprop...	10.579	79	51783	24.622 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.480%		
47) 2-Hexanone-d5	10.921	63	52360	52.064 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.120%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	152351	29.942 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.760%		
66) 1,2-Dichlorobenzene-d4	13.853	152	163107	27.088 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.360%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.001	85	50186	22.724 ug/L	98
3) Chloromethane	2.209	50	96864	23.476 ug/L	98
5) Vinyl chloride	2.349	62	200371	27.780 ug/L	99
6) Bromomethane	2.764	94	125896	24.867 ug/L	96
8) Chloroethane	2.910	64	98763	26.212 ug/L	99
9) Trichlorofluoromethane	3.239	101	63237	18.644 ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	64459	19.813 ug/L	97
12) 1,1-Dichloroethene	4.025	96	59328	22.526 ug/L	89
13) Acetone	4.123	43	26737	40.019 ug/L	97
14) Carbon disulfide	4.373	76	184512	21.080 ug/L	98
15) Methyl Acetate	4.666	43	31761	19.433 ug/L	92
16) Methylene chloride	4.916	84	80907	21.878 ug/L	85
17) trans-1,2-Dichloroethene	5.422	96	68452	21.958 ug/L	100
18) Methyl tert-butyl Ether	5.422	73	119031	23.319 ug/L	99
19) 1,1-Dichloroethane	6.208	63	127404	21.612 ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	87908m	25.642 ug/L	
22) 2-Butanone	7.171	43	49196	41.272 ug/L	98
23) Bromochloromethane	7.513	128	37408	22.347 ug/L	96
25) Chloroform	7.671	83	145121	22.188 ug/L	97

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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	8.397	62	108616	22.814	ug/L	97
29) Cyclohexane	7.952	56	105006	19.311	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	110512	18.585	ug/L	97
31) Carbon tetrachloride	8.061	117	98139	18.040	ug/L	99
33) Benzene	8.317	78	325271	20.714	ug/L	100
34) Trichloroethene	9.086	95	79097	19.111	ug/L	89
35) Methylcyclohexane	9.335	83	120567	18.157	ug/L	98
37) 1,2-Dichloropropane	9.366	63	83027	20.488	ug/L	98
38) Bromodichloromethane	9.640	83	113552	20.576	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	121236	21.402	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	122057	42.357	ug/L	100
42) Toluene	10.384	91	389508	22.476	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	118445	21.518	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	67897	20.546	ug/L	94
46) Tetrachloroethene	10.860	164	572696	178.172	ug/L	92
48) 2-Hexanone	10.969	43	93242	43.868	ug/L	99
49) Dibromochloromethane	11.128	129	84714	21.674	ug/L	100
50) 1,2-Dibromoethane	11.231	107	66670	20.985	ug/L	94
51) Chlorobenzene	11.652	112	256627	22.063	ug/L	97
52) Ethylbenzene	11.731	91	474592	24.771	ug/L	96
53) m,p-Xylene	11.841	106	186596	24.799	ug/L	93
54) o-Xylene	12.164	106	184539	26.236	ug/L	95
55) Styrene	12.176	104	358392	28.825	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	111135	24.093	ug/L	98
59) Bromoform	12.347	173	56460	22.003	ug/L	96
60) Isopropylbenzene	12.463	105	505205	23.789	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	74890	20.711	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	412880	24.111	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	420257	25.266	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	218065	21.476	ug/L	100
65) 1,4-Dichlorobenzene	13.573	146	238276	22.227	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	223055	23.435	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	16846	18.543	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	124843	19.049	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	97393	19.117	ug/L	98
71) Naphthalene	15.365	128	210992	18.857	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	94850	19.699	ug/L	97

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

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