Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
Data File : VW024041.D
Acq On : 23 Jul 2022 09:03
Operator : SY/VA
Sample : N3790-10MSD
Misc : 4.81g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBUK4MSD

Quant Time: Jul 24 00:40:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 23 06:00:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	276439	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	270093	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	147704	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	130390	18.468	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.880%			
7) Chloroethane-d5	2.873	69	88508	18.791	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.160%			
11) 1,1-Dichloroethene-d2	4.013	63	117088	20.365	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.480%			
21) 2-Butanone-d5	7.074	46	48883	44.636	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.280%			
24) Chloroform-d	7.647	84	193111	23.994	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.960%			
26) 1,2-Dichloroethane-d4	8.305	65	105764	21.486	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.960%			
32) Benzene-d6	8.268	84	343675	24.478	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.920%			
36) 1,2-Dichloropropane-d6	9.268	67	107925	25.519	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.080%			
41) Toluene-d8	10.323	98	327912	23.025	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.120%			
43) trans-1,3-Dichloroprop...	10.573	79	44908	22.653	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.600%			
47) 2-Hexanone-d5	10.927	63	44147	49.642	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.280%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	114339	24.464	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	122713	23.273	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	38088	20.275	ug/L	95
3) Chloromethane	2.209	50	102416	22.262	ug/L	97
5) Vinyl chloride	2.349	62	167436	21.195	ug/L	99
6) Bromomethane	2.763	94	90347	17.682	ug/L	95
8) Chloroethane	2.910	64	74225	20.084	ug/L	99
9) Trichlorofluoromethane	3.245	101	78274	21.798	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	79494	22.621	ug/L	99
12) 1,1-Dichloroethene	4.031	96	65464	22.340	ug/L	84
13) Acetone	4.123	43	33140	42.801	ug/L	100
14) Carbon disulfide	4.373	76	155884	18.084	ug/L	99
15) Methyl Acetate	4.665	43	32186	18.573	ug/L	99
16) Methylene chloride	4.909	84	92955	21.504	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	80778	22.720	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	133938	24.350	ug/L	99
19) 1,1-Dichloroethane	6.208	63	160882	24.531	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	95982	24.368	ug/L	89
22) 2-Butanone	7.171	43	52508	41.265	ug/L	98
23) Bromochloromethane	7.506	128	43668	23.078	ug/L	88
25) Chloroform	7.677	83	186477	24.681	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	125259	22.526	ug/L		99
29) Cyclohexane	7.951	56	110521	22.373	ug/L		99
30) 1,1,1-Trichloroethane	7.866	97	149772	25.610	ug/L		99
31) Carbon tetrachloride	8.061	117	133511	25.326	ug/L		99
33) Benzene	8.317	78	390864	25.466	ug/L		100
34) Trichloroethene	9.091	95	98907	24.403	ug/L		93
35) Methylcyclohexane	9.335	83	128898	20.885	ug/L		97
37) 1,2-Dichloropropane	9.366	63	102688	26.686	ug/L		100
38) Bromodichloromethane	9.640	83	145614	27.114	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	145072	25.013	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	128850	48.120	ug/L		98
42) Toluene	10.384	91	453370	25.901	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	136955	24.844	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	84680	25.168	ug/L		97
46) Tetrachloroethene	10.859	164	71938	22.954	ug/L		94
48) 2-Hexanone	10.963	43	94633	48.541	ug/L		99
49) Dibromochloromethane	11.128	129	101300	25.962	ug/L		98
50) 1,2-Dibromoethane	11.231	107	77452	23.960	ug/L	#	92
51) Chlorobenzene	11.652	112	300529	25.457	ug/L		98
52) Ethylbenzene	11.725	91	504095	25.343	ug/L		95
53) m,p-Xylene	11.841	106	197572	25.458	ug/L		90
54) o-Xylene	12.164	106	197106	26.446	ug/L		97
55) Styrene	12.176	104	353389	26.839	ug/L		90
57) 1,1,2,2-Tetrachloroethane	12.713	83	112315	24.473	ug/L		94
59) Bromoform	12.347	173	57305	26.311	ug/L		97
60) Isopropylbenzene	12.463	105	515322	25.972	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	77157	23.823	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	417285	25.689	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	428188	26.365	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	225427	25.024	ug/L		89
65) 1,4-Dichlorobenzene	13.572	146	237213	24.751	ug/L		97
67) 1,2-Dichlorobenzene	13.871	146	218994	25.776	ug/L		91
68) 1,2-Dibromo-3-chloropr...	14.481	75	16657	22.299	ug/L		86
69) 1,3,5-Trichlorobenzene	14.621	180	131580	22.067	ug/L		93
70) 1,2,4-trichlorobenzene	15.127	180	98799	21.458	ug/L		98
71) Naphthalene	15.359	128	223151	22.594	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	91392	21.296	ug/L		99

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

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