Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
Data File : BF120614.D
Acq On : 12 Jun 2020 16:53
Operator : JU/CG
Sample : L2182-01
Misc : LOD-MDL-SOIL-5PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT2-2020

Manual Integrations APPROVED
mohammad
6/15/2020 8:46:49 AM

Quant Time: Jun 12 17:40:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 16:54:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146504	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	542481	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	294960	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	546652	20.00	ng		0.00
76) Chrysene-d12	13.95	240	451927	20.00	ng		-0.01
86) Perylene-d12	15.39	264	508082	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1216346	142.34	ng		0.00
7) Phenol-d6	6.43	99	1518992	142.72	ng		0.00
23) Nitrobenzene-d5	7.36	82	997881	102.82	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	474056	138.24	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1819257	94.37	ng		0.00
79) Terphenyl-d14	12.90	244	2049931	100.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	20411	5.040	ng		95
3) Pyridine	3.29	79	42455m	3.729	ng		
4) n-Nitrosodimethylamine	3.15	42	22720	4.809	ng	#	81
6) Aniline	6.46	93	72722	5.339	ng		98
8) 2-Chlorophenol	6.58	128	47422	4.911	ng		93
9) Benzaldehyde	6.35	77	40964	6.085	ng		98
10) Phenol	6.45	94	61177	5.387	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	46574	4.924	ng		99
12) 1,3-Dichlorobenzene	6.74	146	51878	5.053	ng		97
13) 1,4-Dichlorobenzene	6.82	146	54111	5.342	ng		99
14) 1,2-Dichlorobenzene	6.97	146	49312	4.998	ng		99
15) Benzyl Alcohol	6.93	79	48822	6.468	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	68012	4.994	ng		99
17) 2-Methylphenol	7.05	107	39147	4.753	ng		98
18) Hexachloroethane	7.31	117	19612	5.255	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	34258	5.549	ng		98
20) 3+4-Methylphenols	7.20	107	49652	4.825	ng	#	70
22) Acetophenone	7.20	105	72002	5.937	ng		96
24) Nitrobenzene	7.37	77	53475	5.265	ng		92
25) Isophorone	7.61	82	93010	4.920	ng	#	93
26) 2-Nitrophenol	7.69	139	23272	4.331	ng		98
27) 2,4-Dimethylphenol	7.73	122	24952	3.154	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	57379	5.236	ng		98
29) 2,4-Dichlorophenol	7.93	162	37984	4.723	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	44362	4.978	ng		98
31) Naphthalene	8.10	128	144920	5.440	ng		100
32) Benzoic acid	7.79	122	9637	1.588	ng		97
33) 4-Chloroaniline	8.15	127	58126	4.754	ng		96
34) Hexachlorobutadiene	8.22	225	26230	5.049	ng		99
35) Caprolactam	8.47	113	12526	4.870	ng	#	79
36) 4-Chloro-3-methylphenol	8.63	107	40648	5.059	ng		97
37) 2-Methylnaphthalene	8.79	142	99753	5.736	ng		99
38) 1-Methylnaphthalene	8.89	142	94278	5.762	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	47545	5.398	ng		99

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Quant Time: Jun 12 17:40:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	15079	3.055	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	27429	4.390	ng		95
44) 2,4,5-Trichlorophenol	9.11	196	27598	3.894	ng		95
46) 1,1'-Biphenyl	9.25	154	128998	5.857	ng		97
47) 2-Chloronaphthalene	9.28	162	91489	5.080	ng		97
48) 2-Nitroaniline	9.37	65	24416	4.316	ng		90
49) Acenaphthylene	9.69	152	148040	5.326	ng		98
50) Dimethylphthalate	9.55	163	103382	4.867	ng		99
51) 2,6-Dinitrotoluene	9.61	165	21116	4.386	ng		98
52) Acenaphthene	9.86	154	88913	5.363	ng		98
53) 3-Nitroaniline	9.77	138	23105	3.996	ng		91
54) 2,4-Dinitrophenol	9.89	184	4298	1.665	ng	#	75
55) Dibenzofuran	10.03	168	135838	5.344	ng		97
56) 4-Nitrophenol	9.94	139	14764	3.390	ng		89
57) 2,4-Dinitrotoluene	10.02	165	26461	4.142	ng		98
58) Fluorene	10.37	166	104194	5.317	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	23240	4.168	ng		95
60) Diethylphthalate	10.25	149	104368	4.988	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	52198	5.158	ng		99
62) 4-Nitroaniline	10.39	138	23531	4.099	ng		99
63) Azobenzene	10.53	77	101044	5.320	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	9406	2.868	ng		99
66) n-Nitrosodiphenylamine	10.49	169	90550	5.394	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	29982	4.833	ng		97
68) Hexachlorobenzene	10.93	284	34208	5.128	ng		95
69) Atrazine	11.01	200	28767	5.538	ng		100
70) Pentachlorophenol	11.12	266	9618	2.594	ng		97
71) Phenanthrene	11.34	178	150130	5.525	ng		98
72) Anthracene	11.39	178	148999	5.440	ng		98
73) Carbazole	11.55	167	134847	4.973	ng		99
74) Di-n-butylphthalate	11.87	149	158045	5.185	ng		98
75) Fluoranthene	12.52	202	164434	5.293	ng		98
77) Benzidine	12.65	184	83013	5.431	ng	#	95
78) Pyrene	12.75	202	166248	5.193	ng		99
80) Butylbenzylphthalate	13.37	149	64648	4.548	ng		99
81) Benzo(a)anthracene	13.94	228	154902	5.705	ng		97
82) 3,3'-Dichlorobenzidine	13.90	252	58347	5.626	ng		100
83) Chrysene	13.97	228	155276	5.575	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	93461	5.387	ng		99
85) Di-n-octyl phthalate	14.54	149	156746	4.734	ng		98
87) Indeno(1,2,3-cd)pyrene	16.79	276	168318	5.446	ng		99
88) Benzo(b)fluoranthene	14.97	252	154918	5.119	ng		99
89) Benzo(k)fluoranthene	15.00	252	144108	5.381	ng		98
90) Benzo(a)pyrene	15.32	252	130197	4.807	ng		98
91) Dibenzo(a,h)anthracene	16.81	278	139210	5.617	ng		98
92) Benzo(g,h,i)perylene	17.22	276	143814	5.757	ng		97

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

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