Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114310.D
Acq On : 16 May 2019 15:48
Operator : JU/SJ
Sample : K2837-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-COMPMS

Manual Integrations APPROVED
mohammad
5/17/2019 3:04:15 PM

Quant Time: May 17 08:29:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	251674	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	975482	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	456479	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	822277	20.00	ng		0.00
76) Chrysene-d12	14.02	240	454988	20.00	ng		0.00
87) Perylene-d12	15.52	264	564855	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1553729	99.35	ng		0.02
7) Phenol-d6	6.50	99	1888445	102.10	ng		0.01
23) Nitrobenzene-d5	7.42	82	1409136	81.07	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	493853	104.65	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2323133	76.98	ng		0.00
79) Terphenyl-d14	12.96	244	1867677	84.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	271259	31.556	ng	#	82
3) Pyridine	3.54	79	443549	18.728	ng		99
4) n-Nitrosodimethylamine	3.46	42	373466	32.700	ng		96
6) Aniline	6.52	93	114664	4.291	ng	#	1
8) 2-Chlorophenol	6.65	128	661956	39.649	ng		92
9) Benzaldehyde	6.40	77	59573	4.601	ng		97
10) Phenol	6.52	94	691860	31.796	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	679533	41.136	ng		99
12) 1,3-Dichlorobenzene	6.79	146	560095	29.886	ng		97
13) 1,4-Dichlorobenzene	6.87	146	572612	30.321	ng		97
14) 1,2-Dichlorobenzene	7.02	146	541359	31.377	ng		99
15) Benzyl Alcohol	7.00	79	553401	38.360	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1204593	37.608	ng		76
17) 2-Methylphenol	7.12	107	519960	37.913	ng	#	90
18) Hexachloroethane	7.36	117	204611	28.865	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	481480	41.067	ng		96
20) 3+4-Methylphenols	7.27	107	685707	43.274	ng	#	58
22) Acetophenone	7.26	105	926392	42.868	ng	#	89
24) Nitrobenzene	7.43	77	731757	41.334	ng		97
25) Isophorone	7.67	82	1340567	41.585	ng		99
26) 2-Nitrophenol	7.75	139	374652	43.619	ng		99
27) 2,4-Dimethylphenol	7.79	122	596695	44.232	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	870154	41.601	ng		97
29) 2,4-Dichlorophenol	8.00	162	556810	41.451	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	539063	35.291	ng		98
31) Naphthalene	8.15	128	1791578	39.318	ng		98
32) Benzoic acid	7.93	122	325456	35.907	ng		99
33) 4-Chloroaniline	8.21	127	69038	3.325	ng		96
34) Hexachlorobutadiene	8.27	225	275586	31.708	ng		99
35) Caprolactam	8.58	113	149254m	34.075	ng		
36) 4-Chloro-3-methylphenol	8.70	107	579550	42.862	ng		97
37) 2-Methylnaphthalene	8.85	142	1267148	43.102	ng		98
38) 1-Methylnaphthalene	8.95	142	1186359	42.851	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	558208	40.369	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	348473	55.493 ng	98
43) 2,4,6-Trichlorophenol	9.13	196	378938	39.842 ng	99
44) 2,4,5-Trichlorophenol	9.18	196	402513	41.266 ng	98
46) 1,1'-Biphenyl	9.31	154	1512582	41.017 ng	99
47) 2-Chloronaphthalene	9.33	162	1172574	39.509 ng	99
48) 2-Nitroaniline	9.43	65	393079	37.346 ng	99
49) Acenaphthylene	9.75	152	1847995	40.940 ng	99
50) Dimethylphthalate	9.60	163	1361236	40.622 ng	99
51) 2,6-Dinitrotoluene	9.67	165	304862	41.018 ng	96
52) Acenaphthene	9.92	154	1084054	39.136 ng	99
53) 3-Nitroaniline	9.85	138	43909	4.759 ng	98
54) 2,4-Dinitrophenol	9.96	184	258111	69.986 ng	96
55) Dibenzofuran	10.09	168	1583432	38.984 ng	98
56) 4-Nitrophenol	10.03	139	325273	49.852 ng	97
57) 2,4-Dinitrotoluene	10.09	165	382542	37.920 ng	94
58) Fluorene	10.44	166	1250962	39.874 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	329760	39.182 ng	99
60) Diethylphthalate	10.30	149	1307073	38.389 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	604076	39.203 ng	97
62) 4-Nitroaniline	10.46	138	265915	27.428 ng	93
63) Azobenzene	10.59	77	1301323	39.486 ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	161691	40.923 ng	88
66) n-Nitrosodiphenylamine	10.55	169	1087288	43.568 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	384781	42.500 ng	96
68) Hexachlorobenzene	10.99	284	405858	40.522 ng	96
69) Atrazine	11.07	200	254144	32.724 ng	99
70) Pentachlorophenol	11.19	266	333986	70.344 ng	99
71) Phenanthrene	11.40	178	1670537	41.758 ng	99
72) Anthracene	11.45	178	1736521	43.217 ng	100
73) Carbazole	11.60	167	1524645	39.791 ng	98
74) Di-n-butylphthalate	11.93	149	1867839	42.313 ng	99
75) Fluoranthene	12.59	202	1614767	37.483 ng	97
77) Benzidine	12.71	184	12732m	0.623 ng	
78) Pyrene	12.82	202	1608947	43.958 ng	99
80) Butylbenzylphthalate	13.42	149	664279	43.118 ng	94
81) Benzo(a)anthracene	14.01	228	1226524	41.678 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	161816	14.174 ng	98
83) Chrysene	14.05	228	1216006	42.152 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	859199	42.642 ng	100
85) Di-n-octyl phthalate	14.62	149	1397456	42.784 ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1708893	67.027 ng	98
88) Benzo(b)fluoranthene	15.09	252	1390302	38.419 ng	99
89) Benzo(k)fluoranthene	15.12	252	1258420	37.856 ng	99
90) Benzo(a)pyrene	15.46	252	1346228	42.270 ng	98
91) Dibenzo(a,h)anthracene	17.03	278	1405520	53.110 ng	100
92) Benzo(g,h,i)perylene	17.47	276	1534988	57.877 ng	99

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

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