Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114285.D
Acq On : 15 May 2019 15:15
Operator : JU/SJ
Sample : K2837-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-COMPMS

Manual Integrations APPROVED
mohammad
5/16/2019 9:50:58 AM

Quant Time: May 16 07:44:32 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	209564	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	795368	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	373646	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	737761	20.00	ng		0.00
76) Chrysene-d12	14.02	240	509122	20.00	ng		0.00
87) Perylene-d12	15.50	264	490101	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1339307	102.85	ng		0.00
7) Phenol-d6	6.50	99	1754861	113.94	ng		0.00
23) Nitrobenzene-d5	7.41	82	1099764	77.60	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	409081	105.90	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1645813	66.63	ng		0.00
79) Terphenyl-d14	12.95	244	1602427	64.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	212454	29.681	ng		98
3) Pyridine	3.39	79	576337	29.224	ng		98
4) n-Nitrosodimethylamine	3.33	42	306853	32.266	ng		91
6) Aniline	6.52	93	446704	20.078	ng	#	33
8) 2-Chlorophenol	6.65	128	545228	39.219	ng		92
9) Benzaldehyde	6.40	77	230026	21.333	ng		99
10) Phenol	6.51	94	664483	36.674	ng		93
11) bis(2-Chloroethyl)ether	6.58	93	542473	39.437	ng		99
12) 1,3-Dichlorobenzene	6.79	146	547614	35.092	ng		100
13) 1,4-Dichlorobenzene	6.87	146	559353	35.571	ng		96
14) 1,2-Dichlorobenzene	7.02	146	524853	36.533	ng		99
15) Benzyl Alcohol	6.99	79	467474	38.915	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	982875	36.852	ng		73
17) 2-Methylphenol	7.12	107	434332	38.033	ng	#	92
18) Hexachloroethane	7.36	117	205766	34.860	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	376295	38.545	ng		97
20) 3+4-Methylphenols	7.27	107	560617	42.489	ng	#	59
22) Acetophenone	7.26	105	721006	40.920	ng	#	91
24) Nitrobenzene	7.43	77	578399	40.070	ng		95
25) Isophorone	7.67	82	1038138	39.496	ng		99
26) 2-Nitrophenol	7.75	139	294093	41.994	ng		94
27) 2,4-Dimethylphenol	7.79	122	468571	42.600	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	678348	39.775	ng		99
29) 2,4-Dichlorophenol	8.00	162	438696	40.054	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	468461	37.614	ng		97
31) Naphthalene	8.15	128	1496486	40.279	ng		99
32) Benzoic acid	7.87	122	22672	9.489	ng		95
33) 4-Chloroaniline	8.20	127	216966	12.815	ng		98
34) Hexachlorobutadiene	8.27	225	254474	35.910	ng		98
35) Caprolactam	8.56	113	155918m	43.658	ng		
36) 4-Chloro-3-methylphenol	8.70	107	469741	42.608	ng		99
37) 2-Methylnaphthalene	8.85	142	997266	41.603	ng		98
38) 1-Methylnaphthalene	8.95	142	934339	41.390	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	445101	39.325	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	254180	49.922	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	297018	38.151	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	320729	40.171	ng		97
46) 1,1'-Biphenyl	9.30	154	1192959	39.521	ng		96
47) 2-Chloronaphthalene	9.33	162	919723	37.860	ng		98
48) 2-Nitroaniline	9.43	65	333073	38.660	ng		94
49) Acenaphthylene	9.75	152	1471395	39.823	ng		98
50) Dimethylphthalate	9.60	163	1333265	48.608	ng		99
51) 2,6-Dinitrotoluene	9.67	165	246249	40.476	ng		100
52) Acenaphthene	9.92	154	846398	37.331	ng		98
53) 3-Nitroaniline	9.84	138	174502	23.107	ng		100
54) 2,4-Dinitrophenol	9.96	184	71659	28.195	ng		98
55) Dibenzofuran	10.09	168	1270409	38.212	ng		97
56) 4-Nitrophenol	10.02	139	341234	63.893	ng		97
57) 2,4-Dinitrotoluene	10.08	165	314784	38.121	ng		94
58) Fluorene	10.43	166	993754	38.697	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	255712	37.119	ng		100
60) Diethylphthalate	10.30	149	1055297	37.865	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	479477	38.015	ng		98
62) 4-Nitroaniline	10.46	138	288699	36.379	ng		98
63) Azobenzene	10.59	77	1055019	39.109	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	132171	37.283	ng		87
66) n-Nitrosodiphenylamine	10.55	169	898852	40.143	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	301252	37.086	ng		96
68) Hexachlorobenzene	10.99	284	330464	36.774	ng	#	91
69) Atrazine	11.07	200	269873	38.730	ng		97
70) Pentachlorophenol	11.19	266	268798	63.100	ng		99
71) Phenanthrene	11.40	178	1431851	39.892	ng		98
72) Anthracene	11.45	178	1493525	41.428	ng		99
73) Carbazole	11.60	167	1427284	41.517	ng		99
74) Di-n-butylphthalate	11.93	149	1662828	41.984	ng		100
75) Fluoranthene	12.59	202	1548379	40.059	ng		97
77) Benzidine	12.70	184	514880	22.529	ng		96
78) Pyrene	12.82	202	1595212	38.949	ng		100
80) Butylbenzylphthalate	13.42	149	708593	41.104	ng		95
81) Benzo(a)anthracene	14.00	228	1287003	39.083	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	330608	25.881	ng		97
83) Chrysene	14.04	228	1259124	39.006	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	962426	42.687	ng		99
85) Di-n-octyl phthalate	14.61	149	1523022	41.671	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1249513	43.798	ng		99
88) Benzo(b)fluoranthene	15.07	252	1220279	38.864	ng		100
89) Benzo(k)fluoranthene	15.10	252	1102103	38.211	ng		99
90) Benzo(a)pyrene	15.44	252	1115313	40.361	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1029387	44.830	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1106760	48.096	ng		98

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

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