Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127664.D
Acq On : 06 Apr 2022 23:02
Operator : CG\JU
Sample : N2229-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

Quant Time: Apr 07 02:40:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	97426	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	357037	20.000	ng	#	0.00
39) Acenaphthene-d10	10.010	164	208815	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	395902	20.000	ng		0.00
76) Chrysene-d12	14.157	240	321513	20.000	ng		0.00
86) Perylene-d12	15.680	264	282476	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	729395	121.651	ng		0.00
7) Phenol-d6	6.581	99	878523	112.002	ng		0.00
23) Nitrobenzene-d5	7.528	82	724438	90.457	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	307194	138.245	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1238694	83.918	ng		0.00
79) Terphenyl-d14	13.098	244	1647035	84.556	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.934	88	117530	41.327	ng		84
3) Pyridine	3.651	79	251564	33.585	ng		85
4) n-Nitrosodimethylamine	3.610	42	183990	45.675	ng	#	97
6) Aniline	6.628	93	271387m	29.010	ng		
8) 2-Chlorophenol	6.745	128	301230	49.527	ng		97
9) Benzaldehyde	6.516	77	107321	24.173	ng		96
10) Phenol	6.592	94	333237	42.488	ng		98
11) bis(2-Chloroethyl)ether	6.698	93	314039	48.484	ng		93
12) 1,3-Dichlorobenzene	6.904	146	316088	45.482	ng		99
13) 1,4-Dichlorobenzene	6.981	146	320612	45.637	ng		96
14) 1,2-Dichlorobenzene	7.134	146	312032	46.467	ng		97
15) Benzyl Alcohol	7.104	79	309308	45.107	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.239	45	473322	46.295	ng		96
17) 2-Methylphenol	7.204	107	249378	47.136	ng		98
18) Hexachloroethane	7.481	117	121934	45.486	ng		99
19) n-Nitroso-di-n-propyla...	7.375	70	245617	48.415	ng		99
20) 3+4-Methylphenols	7.357	107	310791	46.098	ng	#	58
22) Acetophenone	7.375	105	444564	46.337	ng	#	85
24) Nitrobenzene	7.551	77	374446	48.232	ng		97
25) Isophorone	7.786	82	696646	49.851	ng		98
26) 2-Nitrophenol	7.863	139	141580	50.746	ng		94
27) 2,4-Dimethylphenol	7.892	122	280567	51.363	ng		95
28) bis(2-Chloroethoxy)met...	7.992	93	400191	46.443	ng		99
29) 2,4-Dichlorophenol	8.098	162	270068	45.896	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	304900	45.022	ng		97
31) Naphthalene	8.275	128	872520	46.637	ng		99
32) Benzoic acid	7.992	122	174960	44.148	ng		93
33) 4-Chloroaniline	8.316	127	109922	14.919	ng		96
34) Hexachlorobutadiene	8.386	225	202874	43.549	ng		99
35) Caprolactam	8.681	113	72373m	41.614	ng		
36) 4-Chloro-3-methylphenol	8.786	107	297452	48.216	ng		97
37) 2-Methylnaphthalene	8.963	142	591915	47.304	ng		99
38) 1-Methylnaphthalene	9.063	142	573865	47.514	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	303978	44.383	ng	#	98
41) Hexachlorocyclopentadiene	9.116	237	391562	94.909	ng		98
43) 2,4,6-Trichlorophenol	9.239	196	206292	44.365	ng		99

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44) 2,4,5-Trichlorophenol	9.275	196	222292	47.377	ng		97
46) 1,1'-Biphenyl	9.428	154	733883	45.954	ng		100
47) 2-Chloronaphthalene	9.457	162	583382	45.968	ng		99
48) 2-Nitroaniline	9.551	65	208143	52.807	ng		93
49) Acenaphthylene	9.875	152	961439	49.806	ng		99
50) Dimethylphthalate	9.733	163	747480	49.384	ng		99
51) 2,6-Dinitrotoluene	9.792	165	152941	53.606	ng		95
52) Acenaphthene	10.045	154	644002	52.954	ng		98
53) 3-Nitroaniline	9.963	138	91265	30.280	ng		96
54) 2,4-Dinitrophenol	10.069	184	145532	101.396	ng		94
55) Dibenzofuran	10.222	168	831423	46.849	ng		98
56) 4-Nitrophenol	10.110	139	230046	97.171	ng		92
57) 2,4-Dinitrotoluene	10.198	165	206676	58.429	ng	#	83
58) Fluorene	10.563	166	640652	48.857	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	193892	47.424	ng		97
60) Diethylphthalate	10.433	149	700316	48.351	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	333607	46.303	ng		93
62) 4-Nitroaniline	10.580	138	146381	51.566	ng		86
63) Azobenzene	10.716	77	753724	46.570	ng		97
65) 4,6-Dinitro-2-methylph...	10.604	198	92369	48.305	ng		85
66) n-Nitrosodiphenylamine	10.675	169	570863	45.783	ng		98
67) 4-Bromophenyl-phenylether	11.045	248	218389	45.452	ng	#	90
68) Hexachlorobenzene	11.110	284	243591	46.377	ng		99
69) Atrazine	11.198	200	215014	51.902	ng		95
70) Pentachlorophenol	11.304	266	288430	91.944	ng		99
71) Phenanthrene	11.533	178	1007100	48.012	ng		99
72) Anthracene	11.586	178	1020307	49.173	ng		98
73) Carbazole	11.733	167	922991	47.473	ng		98
74) Di-n-butylphthalate	12.063	149	1121580	48.257	ng		98
75) Fluoranthene	12.721	202	1169464	51.091	ng		99
77) Benzidine	12.839	184	226991	27.049	ng		99
78) Pyrene	12.957	202	1190248	43.840	ng		99
80) Butylbenzylphthalate	13.568	149	474824	46.972	ng		96
81) Benzo(a)anthracene	14.145	228	1029779	47.956	ng		98
82) 3,3'-Dichlorobenzidine	14.104	252	271017	40.484	ng		97
83) Chrysene	14.186	228	955250	46.343	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	654631	45.943	ng		97
85) Di-n-octyl phthalate	14.751	149	1028050	49.345	ng		94
87) Indeno(1,2,3-cd)pyrene	17.251	276	932344	52.827	ng		100
88) Benzo(b)fluoranthene	15.227	252	959247	52.788	ng		99
89) Benzo(k)fluoranthene	15.262	252	819751	45.484	ng		98
90) Benzo(a)pyrene	15.615	252	861036	58.297	ng		98
91) Dibenzo(a,h)anthracene	17.274	278	811559	56.754	ng		98
92) Benzo(g,h,i)perylene	17.733	276	814788	55.579	ng		98

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

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