Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
Data File : BF126899.D
Acq On : 15 Feb 2022 18:45
Operator : CG\JU
Sample : N1449-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMPMSD

Quant Time: Feb 16 00:19:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 10 00:44:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	76249	20.000	ng		0.00
21) Naphthalene-d8	8.228	136	274153	20.000	ng		0.00
39) Acenaphthene-d10	9.986	164	117254	20.000	ng		0.00
64) Phenanthrene-d10	11.475	188	185233	20.000	ng		0.00
76) Chrysene-d12	14.121	240	139260	20.000	ng		0.00
86) Perylene-d12	15.627	264	104058	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	364457	73.593	ng		0.00
7) Phenol-d6	6.563	99	287731	43.037	ng		0.00
23) Nitrobenzene-d5	7.510	82	710748	119.619	ng		0.00
42) 2,4,6-Tribromophenol	10.775	330	204241	162.477	ng		0.00
45) 2-Fluorobiphenyl	9.304	172	970811	124.631	ng		0.00
79) Terphenyl-d14	13.063	244	960537	98.880	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.563	79	97569	15.534	ng		100
4) n-Nitrosodimethylamine	3.510	42	73728	24.999	ng		96
6) Aniline	6.604	93	160234	19.901	ng		99
8) 2-Chlorophenol	6.728	128	245881	46.647	ng		99
9) Benzaldehyde	6.493	77	54592	13.430	ng		98
10) Phenol	6.575	94	113817	16.890	ng		99
11) bis(2-Chloroethyl)ether	6.675	93	320877	59.806	ng		99
12) 1,3-Dichlorobenzene	6.887	146	330676	57.652	ng		97
13) 1,4-Dichlorobenzene	6.963	146	332734	57.400	ng		99
14) 1,2-Dichlorobenzene	7.116	146	311867	57.096	ng		97
15) Benzyl Alcohol	7.081	79	193563	36.636	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	488380	55.688	ng		98
17) 2-Methylphenol	7.192	107	165598	35.906	ng		99
18) Hexachloroethane	7.457	117	126256	57.521	ng		99
19) n-Nitroso-di-n-propyla...	7.351	70	244863	57.836	ng		98
20) 3+4-Methylphenols	7.340	107	183583	31.029	ng	#	86
22) Acetophenone	7.351	105	450117	63.453	ng		99
24) Nitrobenzene	7.528	77	355618	63.270	ng		100
25) Isophorone	7.763	82	644215	64.714	ng		100
26) 2-Nitrophenol	7.840	139	145302	61.765	ng		96
27) 2,4-Dimethylphenol	7.869	122	230843	58.169	ng		99
28) bis(2-Chloroethoxy)met...	7.969	93	372248	60.231	ng		98
29) 2,4-Dichlorophenol	8.081	162	196020	52.532	ng		95
30) 1,2,4-Trichlorobenzene	8.169	180	245935	59.628	ng		99
31) Naphthalene	8.251	128	838361	58.963	ng		99
32) Benzoic acid	7.945	122	59302	21.156	ng		96
33) 4-Chloroaniline	8.298	127	98319	17.564	ng		93
34) Hexachlorobutadiene	8.363	225	146228	62.236	ng		99
35) Caprolactam	8.651	113	11824	9.231	ng		94
36) 4-Chloro-3-methylphenol	8.763	107	213165	45.386	ng		96
37) 2-Methylnaphthalene	8.939	142	534348	58.809	ng		98
38) 1-Methylnaphthalene	9.039	142	496499	56.475	ng		97
40) 1,2,4,5-Tetrachloroben...	9.104	216	205682	67.188	ng		98
41) Hexachlorocyclopentadiene	9.086	237	74973	43.473	ng		99
43) 2,4,6-Trichlorophenol	9.216	196	130925	59.288	ng		98
44) 2,4,5-Trichlorophenol	9.251	196	134069	57.364	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.404	154	604050	64.948	ng		98
47) 2-Chloronaphthalene	9.434	162	427818	62.281	ng		97
48) 2-Nitroaniline	9.522	65	163129	61.218	ng		96
49) Acenaphthylene	9.845	152	679466	60.700	ng		99
50) Dimethylphthalate	9.698	163	526343	63.430	ng		98
51) 2,6-Dinitrotoluene	9.763	165	104996	62.501	ng	#	82
52) Acenaphthene	10.016	154	456514	63.777	ng		98
53) 3-Nitroaniline	9.933	138	69718	34.025	ng		94
54) 2,4-Dinitrophenol	10.039	184	69101	72.816	ng	#	79
55) Dibenzofuran	10.192	168	572891	58.128	ng		99
56) 4-Nitrophenol	10.081	139	61722	41.942	ng		93
57) 2,4-Dinitrotoluene	10.169	165	135806	61.146	ng		98
58) Fluorene	10.533	166	441260	58.370	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	99963	54.602	ng	#	98
60) Diethylphthalate	10.398	149	527561	61.640	ng		99
61) 4-Chlorophenyl-phenyle...	10.522	204	210624	59.436	ng		97
62) 4-Nitroaniline	10.551	138	103453	53.701	ng		97
63) Azobenzene	10.686	77	537049	55.118	ng		99
65) 4,6-Dinitro-2-methylph...	10.575	198	46208	43.646	ng		91
66) n-Nitrosodiphenylamine	10.645	169	380959	62.865	ng		99
67) 4-Bromophenyl-phenylether	11.016	248	125786	62.487	ng		98
68) Hexachlorobenzene	11.080	284	136060	62.757	ng		96
69) Atrazine	11.169	200	111494	60.283	ng		98
70) Pentachlorophenol	11.275	266	148919	124.381	ng		99
71) Phenanthrene	11.498	178	614780	59.899	ng		99
72) Anthracene	11.551	178	633341	61.760	ng		100
73) Carbazole	11.704	167	565947	60.630	ng		100
74) Di-n-butylphthalate	12.027	149	767535	63.779	ng		99
75) Fluoranthene	12.698	202	615698	64.133	ng		99
77) Benzidine	12.810	184	149325	40.750	ng		96
78) Pyrene	12.922	202	640258	50.655	ng		100
80) Butylbenzylphthalate	13.533	149	332517	57.444	ng		98
81) Benzo(a)anthracene	14.110	228	566227	60.019	ng		98
82) 3,3'-Dichlorobenzidine	14.069	252	141192	50.253	ng		100
83) Chrysene	14.151	228	532383	60.097	ng		99
84) Bis(2-ethylhexyl)phtha...	14.086	149	483997	64.485	ng		99
85) Di-n-octyl phthalate	14.704	149	805842	78.216	ng		99
87) Indeno(1,2,3-cd)pyrene	17.174	276	359851	48.502	ng		97
88) Benzo(b)fluoranthene	15.180	252	460572	69.289	ng		98
89) Benzo(k)fluoranthene	15.215	252	437229	63.710	ng		99
90) Benzo(a)pyrene	15.568	252	401666	74.052	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	319928	51.923	ng		97
92) Benzo(g,h,i)perylene	17.651	276	295917	48.276	ng		96

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

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