Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022422\
Data File : BF127063.D
Acq On : 24 Feb 2022 18:02
Operator : CG\JU
Sample : N1650-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/25/2022
Supervised By :Jagrut Upadhyay 02/25/2022

Quant Time: Feb 25 01:46:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	72033	20.000	ng		0.00
21) Naphthalene-d8	8.193	136	281887	20.000	ng	#	0.00
39) Acenaphthene-d10	9.951	164	128725	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	186513	20.000	ng	#	0.00
76) Chrysene-d12	14.092	240	126925	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	92328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	434330	93.192	ng		0.00
7) Phenol-d6	6.540	99	565774	89.965	ng		0.00
23) Nitrobenzene-d5	7.475	82	414371	66.351	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	136491	92.093	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	635818	72.715	ng		0.00
79) Terphenyl-d14	13.027	244	484475	56.112	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.758	88	75025	35.179	ng	#	96
3) Pyridine	3.522	79	176789	31.604	ng	#	84
4) n-Nitrosodimethylamine	3.487	42	132722	48.435	ng	#	55
6) Aniline	6.575	93	128152	17.199	ng	#	91
8) 2-Chlorophenol	6.693	128	236233	47.241	ng		99
9) Benzaldehyde	6.457	77	150938	39.429	ng		97
10) Phenol	6.551	94	298247m	46.936	ng		
11) bis(2-Chloroethyl)ether	6.640	93	230716	46.292	ng		97
12) 1,3-Dichlorobenzene	6.846	146	250091	46.362	ng		96
13) 1,4-Dichlorobenzene	6.922	146	257748	47.131	ng		98
14) 1,2-Dichlorobenzene	7.075	146	243578	46.706	ng		100
15) Benzyl Alcohol	7.051	79	245651	46.367	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.175	45	312595	39.831	ng		91
17) 2-Methylphenol	7.163	107	202190	46.734	ng	#	89
18) Hexachloroethane	7.416	117	100556	47.970	ng		93
19) n-Nitroso-di-n-propyla...	7.316	70	185857	45.864	ng		97
20) 3+4-Methylphenols	7.310	107	260944	46.447	ng		87
22) Acetophenone	7.316	105	365018	49.181	ng	#	94
24) Nitrobenzene	7.493	77	282859	47.945	ng		96
25) Isophorone	7.728	82	482453	46.686	ng	#	97
26) 2-Nitrophenol	7.804	139	121427	48.342	ng	#	70
27) 2,4-Dimethylphenol	7.840	122	216403m	52.443	ng		
28) bis(2-Chloroethoxy)met...	7.934	93	277778	44.338	ng		97
29) 2,4-Dichlorophenol	8.051	162	184324	47.512	ng		98
30) 1,2,4-Trichlorobenzene	8.134	180	205063	47.279	ng		96
31) Naphthalene	8.216	128	696176	47.311	ng		100
32) Benzoic acid	7.969	122	132960	45.434	ng	#	83
33) 4-Chloroaniline	8.269	127	62590	10.806	ng	#	93
34) Hexachlorobutadiene	8.322	225	129648	51.200	ng		97
35) Caprolactam	8.634	113	55136m	40.698	ng		
36) 4-Chloro-3-methylphenol	8.745	107	242588	48.927	ng		94
37) 2-Methylnaphthalene	8.904	142	447223	46.838	ng		98
38) 1-Methylnaphthalene	9.004	142	411066	44.958	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	185759	54.820	ng		97
41) Hexachlorocyclopentadiene	9.051	237	94737	51.549	ng		94
43) 2,4,6-Trichlorophenol	9.181	196	120606	48.529	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	123795	47.336	ng		96
46) 1,1'-Biphenyl	9.369	154	525000	51.477	ng		97
47) 2-Chloronaphthalene	9.398	162	370868	49.038	ng		95
48) 2-Nitroaniline	9.492	65	143032	47.926	ng		93
49) Acenaphthylene	9.816	152	596725	48.574	ng		98
50) Dimethylphthalate	9.669	163	462245	50.238	ng		99
51) 2,6-Dinitrotoluene	9.734	165	91534	48.896	ng		87
52) Acenaphthene	9.986	154	382361m	47.858	ng		
53) 3-Nitroaniline	9.904	138	62300	27.225	ng		93
54) 2,4-Dinitrophenol	10.010	184	44083	44.491	ng	#	86
55) Dibenzofuran	10.157	168	495895	45.138	ng	#	88
56) 4-Nitrophenol	10.069	139	132178	78.208	ng	#	72
57) 2,4-Dinitrotoluene	10.139	165	115439	45.608	ng	#	97
58) Fluorene	10.498	166	381460	44.576	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.275	232	90497	43.648	ng	#	96
60) Diethylphthalate	10.369	149	464490	48.312	ng		100
61) 4-Chlorophenyl-phenyle...	10.492	204	188384	46.685	ng		95
62) 4-Nitroaniline	10.516	138	76568	33.885	ng	#	62
63) Azobenzene	10.651	77	433376	40.481	ng		91
65) 4,6-Dinitro-2-methylph...	10.545	198	30042	27.413	ng		92
66) n-Nitrosodiphenylamine	10.610	169	322978	52.809	ng		100
67) 4-Bromophenyl-phenylether	10.981	248	108936	52.275	ng	#	90
68) Hexachlorobenzene	11.045	284	113972	50.803	ng	#	90
69) Atrazine	11.133	200	97705	51.509	ng		97
70) Pentachlorophenol	11.245	266	120618	98.493	ng		99
71) Phenanthrene	11.469	178	541278	51.849	ng		98
72) Anthracene	11.522	178	514559	49.512	ng		99
73) Carbazole	11.675	167	413177	43.353	ng		97
74) Di-n-butylphthalate	11.998	149	602175	49.148	ng		99
75) Fluoranthene	12.657	202	522994	52.762	ng		94
77) Benzidine	12.780	184	130371	37.797	ng	#	94
78) Pyrene	12.892	202	521041	47.251	ng		98
80) Butylbenzylphthalate	13.498	149	223397	42.793	ng		94
81) Benzo(a)anthracene	14.080	228	433487	50.660	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	85049	31.538	ng	#	96
83) Chrysene	14.116	228	408198	50.729	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	354068	51.661	ng	#	97
85) Di-n-octyl phthalate	14.674	149	501806	50.852	ng		98
87) Indeno(1,2,3-cd)pyrene	17.127	276	265885	43.918	ng	#	82
88) Benzo(b)fluoranthene	15.151	252	350796	56.570	ng	#	91
89) Benzo(k)fluoranthene	15.180	252	310084	51.844	ng	#	92
90) Benzo(a)pyrene	15.527	252	294578	60.817	ng	#	93
91) Dibenzo(a,h)anthracene	17.145	278	221707	44.279	ng	#	89
92) Benzo(g,h,i)perylene	17.592	276	220560	44.682	ng	#	82

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

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