Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141035.D
Acq On : 30 Dec 2024 17:13
Operator : RC/JU
Sample : P5362-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

Quant Time: Dec 30 18:24:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	266874	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	1059947	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	575830	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	989877	20.000	ng		0.00
76) Chrysene-d12	13.986	240	628524	20.000	ng		0.00
86) Perylene-d12	15.439	264	549749	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2557149	144.435	ng		0.02
7) Phenol-d6	6.457	99	3228344	141.549	ng		0.00
23) Nitrobenzene-d5	7.393	82	2113386	127.563	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	1029465	183.985	ng		0.00
45) 2-Fluorobiphenyl	9.187	172	3607771	99.822	ng		0.00
79) Terphenyl-d14	12.933	244	3839033	101.454	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	359426	44.842	ng	#	84
3) Pyridine	3.493	79	644361	32.895	ng		99
4) n-Nitrosodimethylamine	3.428	42	473135	47.671	ng		100
6) Aniline	6.493	93	354414	17.424	ng		98
8) 2-Chlorophenol	6.610	128	996282	53.374	ng		99
10) Phenol	6.469	94	1158906	49.141	ng		97
11) bis(2-Chloroethyl)ether	6.569	93	914944	48.049	ng		98
12) 1,3-Dichlorobenzene	6.769	146	971568	47.163	ng		100
13) 1,4-Dichlorobenzene	6.845	146	984655	47.415	ng		100
14) 1,2-Dichlorobenzene	6.998	146	941227	48.612	ng		99
15) Benzyl Alcohol	6.969	79	819953	50.030	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1428863	49.618	ng		99
17) 2-Methylphenol	7.075	107	809939	52.230	ng		100
18) Hexachloroethane	7.340	117	365447	49.539	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	693888	49.661	ng		98
20) 3+4-Methylphenols	7.234	107	981539	50.017	ng	#	83
22) Acetophenone	7.240	105	1271748	48.910	ng		99
24) Nitrobenzene	7.410	77	1024161	55.323	ng		97
25) Isophorone	7.651	82	1858310	51.546	ng		99
26) 2-Nitrophenol	7.722	139	497748	63.664	ng		99
27) 2,4-Dimethylphenol	7.757	122	814166	61.793	ng		100
28) bis(2-Chloroethoxy)met...	7.857	93	1133390	49.619	ng		99
29) 2,4-Dichlorophenol	7.963	162	807332	54.027	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	818972	48.421	ng		99
31) Naphthalene	8.134	128	2702759	48.391	ng		100
32) Benzoic acid	7.875	122	623167	55.954	ng		96
33) 4-Chloroaniline	8.175	127	107445	5.318	ng		97
34) Hexachlorobutadiene	8.251	225	487950	48.937	ng		100
35) Caprolactam	8.539	113	223139m	43.925	ng		
36) 4-Chloro-3-methylphenol	8.651	107	875097	52.732	ng		99
37) 2-Methylnaphthalene	8.822	142	1792341	50.162	ng		100
38) 1-Methylnaphthalene	8.916	142	1685792	48.007	ng		99
40) 1,2,4,5-Tetrachloroben...	8.987	216	794053	50.124	ng		99
41) Hexachlorocyclopentadiene	8.975	237	868435	165.423	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	602565	57.150	ng		100
44) 2,4,5-Trichlorophenol	9.134	196	571889	53.011	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.287	154	2194698	49.777	ng		100
47)	2-Chloronaphthalene	9.310	162	1678203	49.076	ng		99
48)	2-Nitroaniline	9.398	65	533070	58.468	ng		98
49)	Acenaphthylene	9.722	152	2578615	52.383	ng		99
50)	Dimethylphthalate	9.586	163	2007342	52.997	ng		100
51)	2,6-Dinitrotoluene	9.645	165	453583	57.905	ng		95
52)	Acenaphthene	9.898	154	1917734	57.626	ng		98
53)	3-Nitroaniline	9.810	138	104584	14.868	ng	#	92
54)	2,4-Dinitrophenol	9.922	184	487802	125.516	ng	#	1
55)	Dibenzofuran	10.069	168	2383944	50.973	ng		99
56)	4-Nitrophenol	9.969	139	778468	120.152	ng		98
57)	2,4-Dinitrotoluene	10.051	165	609527	62.940	ng		96
58)	Fluorene	10.410	166	1803331	49.724	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.181	232	521164	58.331	ng		99
60)	Diethylphthalate	10.286	149	1940604	51.898	ng		99
61)	4-Chlorophenyl-phenyle...	10.404	204	866956	49.680	ng		98
62)	4-Nitroaniline	10.428	138	383814	45.894	ng		94
63)	Azobenzene	10.563	77	1951068	49.711	ng		98
65)	4,6-Dinitro-2-methylph...	10.457	198	328489	76.373	ng		91
66)	n-Nitrosodiphenylamine	10.522	169	1508457	48.393	ng		100
67)	4-Bromophenyl-phenylether	10.892	248	583667	54.545	ng		97
68)	Hexachlorobenzene	10.957	284	637916	54.064	ng		100
69)	Atrazine	11.045	200	341239	39.186	ng		99
70)	Pentachlorophenol	11.151	266	836728	113.898	ng		99
71)	Phenanthrene	11.375	178	2753546	52.853	ng		99
72)	Anthracene	11.422	178	2781083	54.478	ng		99
73)	Carbazole	11.575	167	2344701	47.778	ng		100
74)	Di-n-butylphthalate	11.910	149	2964815	53.116	ng		99
75)	Fluoranthene	12.557	202	2848048	50.405	ng		99
77)	Benzidine	12.680	184	37552	2.827	ng		95
78)	Pyrene	12.786	202	2908130	52.905	ng		100
80)	Butylbenzylphthalate	13.410	149	1188667	59.220	ng		100
81)	Benzo(a)anthracene	13.974	228	2090064	47.714	ng		99
82)	3,3'-Dichlorobenzidine	13.939	252	101907	7.743	ng		99
83)	Chrysene	14.010	228	2012440	50.963	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.969	149	1401051	53.811	ng		99
85)	Di-n-octyl phthalate	14.586	149	2084440	55.314	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.892	276	2127795	61.434	ng		98
88)	Benzo(b)fluoranthene	15.016	252	1992745	51.973	ng		99
89)	Benzo(k)fluoranthene	15.045	252	1579447	52.559	ng		99
90)	Benzo(a)pyrene	15.380	252	1676183	56.323	ng		99
91)	Dibenzo(a,h)anthracene	16.915	278	1737665	61.892	ng		98
92)	Benzo(g,h,i)perylene	17.333	276	1587770	54.525	ng		99

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

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