

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137751.D
 Acq On : 29 Apr 2024 15:48
 Operator : CG\JU
 Sample : P2283-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXCAV-SOIL-1MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: Apr 29 16:15:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	276047	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1102555	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	593168	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	929916	20.000	ng	0.00
76) Chrysene-d12	14.251	240	470513	20.000	ng	0.00
86) Perylene-d12	15.827	264	528816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1346293	74.084	ng	0.01
7) Phenol-d6	6.675	99	1719789	74.524	ng	0.00
23) Nitrobenzene-d5	7.628	82	1067465	51.394	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	485254	81.071	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2075830	52.291	ng	0.00
79) Terphenyl-d14	13.186	244	1764510	60.361	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.052	88	265999	32.689	ng	97
3) Pyridine	3.799	79	675709	31.172	ng	98
4) n-Nitrosodimethylamine	3.757	42	363453	35.926	ng	91
6) Aniline	6.728	93	888110	30.920	ng	96
8) 2-Chlorophenol	6.845	128	801330	42.242	ng	99
9) Benzaldehyde	6.616	77	454693	35.109	ng	96
10) Phenol	6.693	94	939558	40.754	ng	100
11) bis(2-Chloroethyl)ether	6.793	93	732044	38.930	ng	98
12) 1,3-Dichlorobenzene	7.004	146	823212	41.381	ng	98
13) 1,4-Dichlorobenzene	7.081	146	833193	41.601	ng	99
14) 1,2-Dichlorobenzene	7.234	146	800049	42.914	ng	99
15) Benzyl Alcohol	7.198	79	671151	38.877	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1079886	37.342	ng	98
17) 2-Methylphenol	7.298	107	627518	37.233	ng	100
18) Hexachloroethane	7.581	117	292531	41.269	ng	94
19) n-Nitroso-di-n-propyla...	7.469	70	540557	36.224	ng	100
20) 3+4-Methylphenols	7.451	107	816826	37.524	ng	98
22) Acetophenone	7.469	105	1067958	39.602	ng	99
24) Nitrobenzene	7.645	77	812895	38.738	ng	98
25) Isophorone	7.881	82	1497806	38.828	ng	100
26) 2-Nitrophenol	7.957	139	426396	46.303	ng	96
27) 2,4-Dimethylphenol	7.987	122	610932	32.884	ng	99
28) bis(2-Chloroethoxy)met...	8.087	93	909037	38.581	ng	99
29) 2,4-Dichlorophenol	8.198	162	662285	40.675	ng	99
30) 1,2,4-Trichlorobenzene	8.287	180	698048	42.061	ng	98
31) Naphthalene	8.369	128	2251481	40.017	ng	100
32) Benzoic acid	8.092	122	508891	43.260	ng	99
33) 4-Chloroaniline	8.410	127	654707	27.492	ng	99
34) Hexachlorobutadiene	8.481	225	412746	41.485	ng	98
35) Caprolactam	8.787	113	218115m	41.433	ng	
36) 4-Chloro-3-methylphenol	8.881	107	689543	39.929	ng	98
37) 2-Methylnaphthalene	9.063	142	1491363	38.620	ng	99
38) 1-Methylnaphthalene	9.163	142	1364611	37.796	ng	99
40) 1,2,4,5-Tetrachloroben...	9.228	216	705352	43.374	ng	100
41) Hexachlorocyclopentadiene	9.210	237	711954	78.136	ng	99
43) 2,4,6-Trichlorophenol	9.334	196	494212	43.321	ng	99

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44) 2,4,5-Trichlorophenol	9.369	196	517925	39.614	ng	99
46) 1,1'-Biphenyl	9.528	154	1817787	42.126	ng	97
47) 2-Chloronaphthalene	9.551	162	1412393	42.460	ng	99
48) 2-Nitroaniline	9.645	65	425608	41.989	ng	94
49) Acenaphthylene	9.975	152	2198970	42.391	ng	99
50) Dimethylphthalate	9.822	163	1686536	40.809	ng	99
51) 2,6-Dinitrotoluene	9.886	165	380897	43.743	ng	86
52) Acenaphthene	10.145	154	1434230	42.699	ng	99
53) 3-Nitroaniline	10.057	138	326154	33.331	ng	99
54) 2,4-Dinitrophenol	10.163	184	351611	76.280	ng	# 38
55) Dibenzofuran	10.316	168	1980065	40.215	ng	99
56) 4-Nitrophenol	10.204	139	569010	74.773	ng	99
57) 2,4-Dinitrotoluene	10.292	165	497429	45.313	ng	92
58) Fluorene	10.663	166	1531067	39.797	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	418155	41.304	ng	97
60) Diethylphthalate	10.522	149	1596441	40.162	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	768401	40.422	ng	93
62) 4-Nitroaniline	10.675	138	346628	37.190	ng	99
63) Azobenzene	10.810	77	1531526	37.600	ng	96
65) 4,6-Dinitro-2-methylph...	10.698	198	249306	46.758	ng	82
66) n-Nitrosodiphenylamine	10.769	169	1352712	42.950	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	472056	43.809	ng	98
68) Hexachlorobenzene	11.210	284	484851	46.188	ng	93
69) Atrazine	11.292	200	439799	50.515	ng	99
70) Pentachlorophenol	11.398	266	577738	73.163	ng	99
71) Phenanthrene	11.628	178	2017457	40.984	ng	99
72) Anthracene	11.680	178	2041396	40.499	ng	99
73) Carbazole	11.833	167	1715493	37.553	ng	99
74) Di-n-butylphthalate	12.151	149	2225436	39.963	ng	100
75) Fluoranthene	12.822	202	1790670	34.608	ng	100
77) Benzidine	12.939	184	837799	76.235	ng	99
78) Pyrene	13.057	202	1734528	44.914	ng	98
80) Butylbenzylphthalate	13.657	149	666083	48.636	ng	98
81) Benzo(a)anthracene	14.245	228	1366732	41.647	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	423564	41.715	ng	98
83) Chrysene	14.280	228	1276356	41.625	ng	99
84) Bis(2-ethylhexyl)phtha...	14.216	149	904851	43.749	ng	100
85) Di-n-octyl phthalate	14.845	149	1428185	45.970	ng	98
87) Indeno(1,2,3-cd)pyrene	17.468	276	1292055	44.065	ng	99
88) Benzo(b)fluoranthene	15.351	252	1370688	40.506	ng	99
89) Benzo(k)fluoranthene	15.386	252	1294495	38.916	ng	98
90) Benzo(a)pyrene	15.757	252	1258430	41.455	ng	99
91) Dibenzo(a,h)anthracene	17.492	278	1065316	43.781	ng	98
92) Benzo(g,h,i)perylene	17.968	276	933073	39.435	ng	99

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

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