

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139254.D
 Acq On : 05 Sep 2024 11:03
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-10 ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 05 11:33:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	107355	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	402231	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	218783	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	401393	20.000	ng	0.00
76) Chrysene-d12	14.051	240	201445	20.000	ng	0.00
86) Perylene-d12	15.521	264	182497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	720538	112.278	ng	0.00
7) Phenol-d6	6.510	99	951265	111.036	ng	0.00
23) Nitrobenzene-d5	7.451	82	619112	80.073	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	208244	110.227	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1126980	79.515	ng	0.00
79) Terphenyl-d14	12.998	244	999088	80.077	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	29941	10.019	ng	98
3) Pyridine	3.452	79	67095	9.301	ng	98
4) n-Nitrosodimethylamine	3.369	42	44417	9.482	ng	98
6) Aniline	6.551	93	95873	12.170	ng	99
8) 2-Chlorophenol	6.669	128	68525	10.303	ng	88
9) Benzaldehyde	6.440	77	62344	12.022	ng	100
10) Phenol	6.522	94	94651	10.474	ng	# 78
11) bis(2-Chloroethyl)ether	6.622	93	68088	10.517	ng	99
12) 1,3-Dichlorobenzene	6.828	146	75699	10.056	ng	99
13) 1,4-Dichlorobenzene	6.904	146	76829	10.196	ng	98
14) 1,2-Dichlorobenzene	7.057	146	71749	10.210	ng	98
15) Benzyl Alcohol	7.022	79	72828	11.657	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	132588	10.758	ng	100
17) 2-Methylphenol	7.128	107	52988	9.753	ng	96
18) Hexachloroethane	7.398	117	26436	9.823	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	52085	10.556	ng	98
20) 3+4-Methylphenols	7.287	107	71801	10.487	ng	# 86
22) Acetophenone	7.292	105	100655	10.504	ng	95
24) Nitrobenzene	7.469	77	80270	9.781	ng	99
25) Isophorone	7.698	82	134973	10.211	ng	98
26) 2-Nitrophenol	7.781	139	30530	9.472	ng	99
27) 2,4-Dimethylphenol	7.816	122	46102	10.029	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	79739	10.125	ng	98
29) 2,4-Dichlorophenol	8.022	162	56506	10.266	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	62277	9.907	ng	99
31) Naphthalene	8.192	128	207939	10.208	ng	99
32) Benzoic acid	7.875	122	30880	7.375	ng	99
33) 4-Chloroaniline	8.239	127	76880	10.900	ng	98
34) Hexachlorobutadiene	8.310	225	37059	9.304	ng	100
35) Caprolactam	8.569	113	15704	9.216	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	59097	9.853	ng	96
37) 2-Methylnaphthalene	8.881	142	129670	10.175	ng	98
38) 1-Methylnaphthalene	8.981	142	120237	9.593	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	64985	10.498	ng	96
41) Hexachlorocyclopentadiene	9.034	237	19853	9.980	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	38351	9.469	ng	98

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44) 2,4,5-Trichlorophenol	9.192	196	42280	9.962	ng	99
46) 1,1'-Biphenyl	9.345	154	169880	10.480	ng	100
47) 2-Chloronaphthalene	9.369	162	121701	9.943	ng	99
48) 2-Nitroaniline	9.463	65	40504	9.608	ng	99
49) Acenaphthylene	9.786	152	199824	10.839	ng	99
50) Dimethylphthalate	9.639	163	136629	10.303	ng	100
51) 2,6-Dinitrotoluene	9.704	165	28250	9.391	ng	97
52) Acenaphthene	9.957	154	119230	9.751	ng	96
53) 3-Nitroaniline	9.869	138	31473	9.819	ng	93
54) 2,4-Dinitrophenol	9.975	184	5765	10.839	ng	# 37
55) Dibenzofuran	10.128	168	183757	10.482	ng	97
56) 4-Nitrophenol	10.022	139	19287	8.153	ng	97
57) 2,4-Dinitrotoluene	10.104	165	35685	9.320	ng	95
58) Fluorene	10.469	166	141115	10.383	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	33439m	10.009	ng	
60) Diethylphthalate	10.345	149	130434	9.995	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	67418	10.286	ng	100
62) 4-Nitroaniline	10.475	138	29049	9.521	ng	95
63) Azobenzene	10.628	77	140067	10.184	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	9920	5.349	ng	99
66) n-Nitrosodiphenylamine	10.581	169	119471	10.225	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	38822	9.968	ng	95
68) Hexachlorobenzene	11.016	284	43671	9.795	ng	99
69) Atrazine	11.104	200	33100	12.279	ng	98
70) Pentachlorophenol	11.210	266	20271	7.871	ng	94
71) Phenanthrene	11.433	178	197446	10.530	ng	100
72) Anthracene	11.486	178	192377	10.502	ng	99
73) Carbazole	11.639	167	174759	10.208	ng	98
74) Di-n-butylphthalate	11.975	149	180318	10.287	ng	98
75) Fluoranthene	12.622	202	194210	10.331	ng	99
77) Benzidine	12.745	184	50671	12.492	ng	99
78) Pyrene	12.851	202	198239	10.187	ng	100
80) Butylbenzylphthalate	13.474	149	42964	9.379	ng	98
81) Benzo(a)anthracene	14.039	228	132108	10.270	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	35957	10.526	ng	98
83) Chrysene	14.074	228	122429	10.198	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	48454	9.012	ng	100
85) Di-n-octyl phthalate	14.651	149	71897	6.984	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	85656	7.513	ng	98
88) Benzo(b)fluoranthene	15.092	252	103436	9.842	ng	99
89) Benzo(k)fluoranthene	15.116	252	98264	10.428	ng	98
90) Benzo(a)pyrene	15.457	252	92289	10.341	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	67277	7.161	ng	96
92) Benzo(g,h,i)perylene	17.445	276	65644	6.769	ng	98

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

