

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140247.D
 Acq On : 05 Nov 2024 19:41
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-8 PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Nov 05 23:46:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 23:41:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	209418	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	788788	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	472141	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	844693	20.000	ng	0.00
76) Chrysene-d12	14.051	240	539502	20.000	ng	-0.01
86) Perylene-d12	15.551	264	469217	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1423273	112.629	ng	0.00
7) Phenol-d6	6.504	99	1889808	116.267	ng	0.00
23) Nitrobenzene-d5	7.439	82	1368132	86.235	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	642568	137.687	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2454602	83.016	ng	0.00
79) Terphenyl-d14	12.998	244	2804776	85.163	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	48277	8.310	ng	97
3) Pyridine	3.475	79	111857m	7.891	ng	
4) n-Nitrosodimethylamine	3.369	42	65549	8.009	ng	93
6) Aniline	6.540	93	164849	11.226	ng	99
8) 2-Chlorophenol	6.663	128	120022	9.077	ng	93
9) Benzaldehyde	6.428	77	105772	10.564	ng	98
10) Phenol	6.516	94	158984	9.210	ng	# 80
11) bis(2-Chloroethyl)ether	6.616	93	116763	8.904	ng	98
12) 1,3-Dichlorobenzene	6.816	146	131532	8.489	ng	98
13) 1,4-Dichlorobenzene	6.892	146	133316	8.531	ng	97
14) 1,2-Dichlorobenzene	7.045	146	123862	8.486	ng	98
15) Benzyl Alcohol	7.010	79	134806	10.759	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	195644	9.217	ng	100
17) 2-Methylphenol	7.116	107	99066	8.982	ng	98
18) Hexachloroethane	7.387	117	48907	8.402	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	96279	9.285	ng	100
20) 3+4-Methylphenols	7.269	107	129936	9.380	ng	92
22) Acetophenone	7.281	105	186274	9.525	ng	92
24) Nitrobenzene	7.457	77	142794	8.578	ng	97
25) Isophorone	7.687	82	252394	9.239	ng	99
26) 2-Nitrophenol	7.769	139	60590	9.150	ng	99
27) 2,4-Dimethylphenol	7.798	122	83476	9.266	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	150594	9.212	ng	99
29) 2,4-Dichlorophenol	8.004	162	103568	9.293	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	118750	8.892	ng	98
31) Naphthalene	8.175	128	367889	9.032	ng	99
32) Benzoic acid	7.869	122	42044	5.687	ng	99
33) 4-Chloroaniline	8.222	127	140058	10.445	ng	97
34) Hexachlorobutadiene	8.292	225	76186	8.428	ng	99
35) Caprolactam	8.563	113	31389	9.258	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	113959	9.184	ng	96
37) 2-Methylnaphthalene	8.869	142	252438	9.496	ng	100
38) 1-Methylnaphthalene	8.963	142	231500	8.885	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	126769	9.172	ng	99
41) Hexachlorocyclopentadiene	9.022	237	37659	9.723	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	77811	9.084	ng	100

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44) 2,4,5-Trichlorophenol	9.181	196	79746	8.855	ng	98
46) 1,1'-Biphenyl	9.334	154	328542	9.627	ng	98
47) 2-Chloronaphthalene	9.357	162	230289	8.966	ng	99
48) 2-Nitroaniline	9.451	65	75492	8.788	ng	96
49) Acenaphthylene	9.775	152	370633	10.192	ng	99
50) Dimethylphthalate	9.628	163	271040	9.321	ng	99
51) 2,6-Dinitrotoluene	9.692	165	59885	8.762	ng	98
52) Acenaphthene	9.945	154	228395	8.855	ng	99
53) 3-Nitroaniline	9.863	138	59332	9.219	ng	100
54) 2,4-Dinitrophenol	9.969	184	13729	4.863	ng	95
55) Dibenzofuran	10.116	168	350890	9.729	ng	98
56) 4-Nitrophenol	10.016	139	36474	8.060	ng	97
57) 2,4-Dinitrotoluene	10.098	165	79956	9.015	ng	92
58) Fluorene	10.463	166	274225	9.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	66754	9.048	ng	99
60) Diethylphthalate	10.333	149	268411	9.289	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	139036	9.609	ng	94
62) 4-Nitroaniline	10.475	138	57730	9.026	ng	96
63) Azobenzene	10.616	77	283201	9.455	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	29272	6.598	ng	99
66) n-Nitrosodiphenylamine	10.575	169	231354	9.523	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	82932	9.117	ng	99
68) Hexachlorobenzene	11.010	284	95894	9.249	ng	97
69) Atrazine	11.098	200	78479	11.807	ng	97
70) Pentachlorophenol	11.204	266	39876	7.162	ng	98
71) Phenanthrene	11.427	178	392947	9.748	ng	99
72) Anthracene	11.480	178	398316	10.077	ng	99
73) Carbazole	11.633	167	343840	9.520	ng	99
74) Di-n-butylphthalate	11.963	149	413169	9.664	ng	99
75) Fluoranthene	12.616	202	404312	9.592	ng	99
77) Benzidine	12.739	184	119164	11.297	ng	96
78) Pyrene	12.845	202	411316	9.234	ng	98
80) Butylbenzylphthalate	13.469	149	148881	9.282	ng	96
81) Benzo(a)anthracene	14.039	228	342505	9.892	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	98211	9.033	ng	99
83) Chrysene	14.080	228	291505	8.991	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	209124	9.302	ng	99
85) Di-n-octyl phthalate	14.663	149	307771	9.096	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	237378	8.619	ng	99
88) Benzo(b)fluoranthene	15.110	252	273842	9.648	ng	99
89) Benzo(k)fluoranthene	15.139	252	229469	8.811	ng	99
90) Benzo(a)pyrene	15.486	252	216906	9.269	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	193857	8.555	ng	98
92) Benzo(g,h,i)perylene	17.504	276	181308	7.843	ng	99

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

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