

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140242.D
 Acq On : 05 Nov 2024 17:30
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Quant Time: Nov 05 23:43:19 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	6.881	152	299708	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	1156012	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	689735	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1228038	20.000	ng	0.00
76) Chrysene-d12	14.057	240	796087	20.000	ng	0.00
86) Perylene-d12	15.563	264	682298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1536165	84.941	ng	0.00
7) Phenol-d6	6.510	99	2064402	88.746	ng	0.00
23) Nitrobenzene-d5	7.440	82	1493532	64.235	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	680272	99.781	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2619565	60.645	ng	0.00
79) Terphenyl-d14	12.998	244	2831203	58.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	71702	8.624	ng	97
3) Pyridine	3.469	79	158054m	7.791	ng	
4) n-Nitrosodimethylamine	3.369	42	103929	8.873	ng	95
6) Aniline	6.545	93	249537	11.873	ng	98
8) 2-Chlorophenol	6.663	128	184770	9.765	ng	91
9) Benzaldehyde	6.428	77	170372	11.890	ng	97
10) Phenol	6.522	94	242085	9.799	ng	90
11) bis(2-Chloroethyl)ether	6.616	93	191028	10.179	ng	97
12) 1,3-Dichlorobenzene	6.816	146	211493	9.538	ng	98
13) 1,4-Dichlorobenzene	6.893	146	213579	9.550	ng	99
14) 1,2-Dichlorobenzene	7.051	146	197145	9.438	ng	99
15) Benzyl Alcohol	7.010	79	200150	11.161	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	311213	10.244	ng	99
17) 2-Methylphenol	7.122	107	149849	9.493	ng	98
18) Hexachloroethane	7.387	117	78141	9.380	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	150028	10.110	ng	98
20) 3+4-Methylphenols	7.275	107	196566	9.915	ng	93
22) Acetophenone	7.281	105	285686	9.968	ng	95
24) Nitrobenzene	7.457	77	219291	8.988	ng	99
25) Isophorone	7.692	82	389759	9.735	ng	99
26) 2-Nitrophenol	7.769	139	95315	9.821	ng	99
27) 2,4-Dimethylphenol	7.804	122	82844	6.275	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	228974	9.557	ng	99
29) 2,4-Dichlorophenol	8.010	162	160876	9.849	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	183459	9.373	ng	99
31) Naphthalene	8.181	128	568987	9.532	ng	99
32) Benzoic acid	7.898	122	130368	12.032	ng	96
33) 4-Chloroaniline	8.222	127	205593	10.462	ng	99
34) Hexachlorobutadiene	8.292	225	118705	8.960	ng	99
35) Caprolactam	8.575	113	49197	9.901	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	173047	9.516	ng	97
37) 2-Methylnaphthalene	8.869	142	383215	9.836	ng	98
38) 1-Methylnaphthalene	8.969	142	358223	9.381	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	196219	9.718	ng	99
41) Hexachlorocyclopentadiene	9.022	237	43187	7.633	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	117403	9.383	ng	98

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44) 2,4,5-Trichlorophenol	9.187	196	121249	9.216	ng	97
46) 1,1'-Biphenyl	9.334	154	487860	9.786	ng	99
47) 2-Chloronaphthalene	9.357	162	349133	9.304	ng	99
48) 2-Nitroaniline	9.451	65	118135	9.414	ng	99
49) Acenaphthylene	9.775	152	549973	10.353	ng	99
50) Dimethylphthalate	9.634	163	404547	9.524	ng	100
51) 2,6-Dinitrotoluene	9.692	165	91963	9.210	ng	99
52) Acenaphthene	9.951	154	375160	9.956	ng	98
53) 3-Nitroaniline	9.863	138	89605	9.531	ng	98
54) 2,4-Dinitrophenol	9.969	184	65541	15.893	ng	96
55) Dibenzofuran	10.122	168	523393	9.933	ng	99
56) 4-Nitrophenol	10.016	139	59397	8.985	ng	99
57) 2,4-Dinitrotoluene	10.098	165	120797	9.323	ng	94
58) Fluorene	10.463	166	401780	9.579	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	107854	10.007	ng	95
60) Diethylphthalate	10.339	149	405131	9.598	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	204357	9.668	ng	96
62) 4-Nitroaniline	10.475	138	86371	9.244	ng	98
63) Azobenzene	10.616	77	425328	9.720	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	57560	8.924	ng	95
66) n-Nitrosodiphenylamine	10.575	169	341344	9.664	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	127558	9.646	ng	100
68) Hexachlorobenzene	11.010	284	141697	9.400	ng	99
69) Atrazine	11.098	200	121759	12.600	ng	99
70) Pentachlorophenol	11.210	266	74631	9.220	ng	99
71) Phenanthrene	11.428	178	589788	10.064	ng	99
72) Anthracene	11.480	178	555413	9.665	ng	99
73) Carbazole	11.633	167	503979	9.598	ng	99
74) Di-n-butylphthalate	11.963	149	615349	9.900	ng	99
75) Fluoranthene	12.616	202	597859	9.756	ng	99
77) Benzidine	12.739	184	74885	4.811	ng	97
78) Pyrene	12.845	202	597495	9.090	ng	99
80) Butylbenzylphthalate	13.469	149	225425	9.524	ng	97
81) Benzo(a)anthracene	14.045	228	467617	9.153	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	143689	8.956	ng	99
83) Chrysene	14.080	228	459082	9.596	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	312388	9.417	ng	100
85) Di-n-octyl phthalate	14.669	149	466251	9.338	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	377617	9.429	ng	100
88) Benzo(b)fluoranthene	15.121	252	377825	9.155	ng	98
89) Benzo(k)fluoranthene	15.151	252	390127	10.302	ng	99
90) Benzo(a)pyrene	15.498	252	335541	9.861	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	305771	9.280	ng	100
92) Benzo(g,h,i)perylene	17.515	276	286705	8.529	ng	100

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

