

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
 Data File : BP009455.D
 Acq On : 18 Mar 2022 13:46
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ--SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 18 14:32:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 14:30:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	255633	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	942255	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	614719	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1260856	20.000	ng	0.00
76) Chrysene-d12	21.322	240	1373654	20.000	ng	# 0.00
86) Perylene-d12	23.727	264	1472801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1561189	106.627	ng	0.00
7) Phenol-d6	6.993	99	1931123	97.528	ng	0.00
23) Nitrobenzene-d5	8.957	82	1285125	72.477	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	966515	95.280	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3138201	70.771	ng	0.00
79) Terphenyl-d14	19.786	244	4980071	65.072	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	29997	5.172	ng	97
3) Pyridine	3.740	79	60471	3.872	ng	# 91
4) n-Nitrosodimethylamine	3.640	42	25041	4.353	ng	# 97
6) Aniline	7.134	93	113394	5.025	ng	100
8) 2-Chlorophenol	7.375	128	78930	4.728	ng	99
9) Benzaldehyde	6.946	77	68150m	6.494	ng	
10) Phenol	7.016	94	92079	4.635	ng	83
11) bis(2-Chloroethyl)ether	7.228	93	73952	4.704	ng	98
12) 1,3-Dichlorobenzene	7.693	146	91559	4.859	ng	95
13) 1,4-Dichlorobenzene	7.840	146	92194	4.785	ng	97
14) 1,2-Dichlorobenzene	8.152	146	89806	4.823	ng	99
15) Benzyl Alcohol	8.116	79	81746m	5.178	ng	
16) 2,2'-oxybis(1-Chloropr...	8.340	45	81495	4.782	ng	90
17) 2-Methylphenol	8.263	107	57480	4.199	ng	97
18) Hexachloroethane	8.881	117	32487	4.811	ng	94
19) n-Nitroso-di-n-propyla...	8.610	70	52753	4.212	ng	95
20) 3+4-Methylphenols	8.616	107	72531	3.853	ng	# 42
22) Acetophenone	8.628	105	110867	4.754	ng	# 96
24) Nitrobenzene	8.999	77	86586	5.169	ng	95
25) Isophorone	9.534	82	144966	4.793	ng	98
26) 2-Nitrophenol	9.722	139	34272	3.925	ng	# 95
27) 2,4-Dimethylphenol	9.804	122	56687	4.601	ng	98
28) bis(2-Chloroethoxy)met...	10.022	93	84407	4.286	ng	98
29) 2,4-Dichlorophenol	10.293	162	57293	3.813	ng	98
30) 1,2,4-Trichlorobenzene	10.463	180	82339	4.729	ng	97
31) Naphthalene	10.646	128	240373	4.953	ng	99
32) Benzoic acid	10.034	122	18176m	1.887	ng	
33) 4-Chloroaniline	10.781	127	73263	3.699	ng	98
34) Hexachlorobutadiene	10.940	225	57300	4.857	ng	95
35) Caprolactam	11.551	113	18452	3.638	ng	# 81
36) 4-Chloro-3-methylphenol	11.922	107	66211	4.100	ng	98
37) 2-Methylnaphthalene	12.269	142	154088	4.525	ng	98
38) 1-Methylnaphthalene	12.481	142	155111	4.676	ng	100
40) 1,2,4,5-Tetrachloroben...	12.640	216	92841	4.552	ng	# 97
41) Hexachlorocyclopentadiene	12.616	237	16194	2.254	ng	96
43) 2,4,6-Trichlorophenol	12.893	196	52468	3.881	ng	95

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44) 2,4,5-Trichlorophenol	12.981	196	55452	3.777	ng	94
46) 1,1'-Biphenyl	13.281	154	227408	4.959	ng	99
47) 2-Chloronaphthalene	13.316	162	168990	4.681	ng	99
48) 2-Nitroaniline	13.534	65	37785	3.843	ng	98
49) Acenaphthylene	14.163	152	275571	4.944	ng	99
50) Dimethylphthalate	13.910	163	207759	4.460	ng	99
51) 2,6-Dinitrotoluene	14.022	165	40672	4.168	ng	95
52) Acenaphthene	14.510	154	158896	4.772	ng	99
53) 3-Nitroaniline	14.375	138	39118	3.795	ng	89
54) 2,4-Dinitrophenol	14.616	184	9601m	1.791	ng	
55) Dibenzofuran	14.845	168	258336	4.619	ng	97
56) 4-Nitrophenol	14.775	139	9025	1.175	ng	88
57) 2,4-Dinitrotoluene	14.822	165	49820	3.713	ng	97
58) Fluorene	15.498	166	204691	4.653	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.087	232	51754	3.889	ng	94
60) Diethylphthalate	15.275	149	198021	4.248	ng	98
61) 4-Chlorophenyl-phenyle...	15.498	204	108735	4.487	ng	96
62) 4-Nitroaniline	15.545	138	38231m	3.532	ng	
63) Azobenzene	15.792	77	173950	4.289	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	17915	2.210	ng	99
66) n-Nitrosodiphenylamine	15.710	169	173705	4.655	ng	98
67) 4-Bromophenyl-phenylether	16.398	248	66358	4.301	ng	93
68) Hexachlorobenzene	16.516	284	82491	4.646	ng	95
69) Atrazine	16.681	200	58653	4.471	ng	97
70) Pentachlorophenol	16.898	266	27963	2.946	ng	93
71) Phenanthrene	17.251	178	319762	4.738	ng	99
72) Anthracene	17.345	178	316844	4.755	ng	99
73) Carbazole	17.628	167	278509	4.274	ng	99
74) Di-n-butylphthalate	18.180	149	312807	4.096	ng	99
75) Fluoranthene	19.233	202	382234	4.678	ng	98
77) Benzidine	19.427	184	176513	5.242	ng	99
78) Pyrene	19.586	202	398078	4.398	ng	99
80) Butylbenzylphthalate	20.469	149	149654	3.890	ng	94
81) Benzo(a)anthracene	21.304	228	422396	4.680	ng	99
82) 3,3'-Dichlorobenzidine	21.251	252	159115	4.564	ng	98
83) Chrysene	21.357	228	395186	4.624	ng	97
84) Bis(2-ethylhexyl)phtha...	21.239	149	229305	4.276	ng	98
85) Di-n-octyl phthalate	22.163	149	390911	4.229	ng	98
87) Indeno(1,2,3-cd)pyrene	26.233	276	484814	4.339	ng	95
88) Benzo(b)fluoranthene	22.992	252	407604	4.636	ng	99
89) Benzo(k)fluoranthene	23.039	252	429291	4.987	ng	98
90) Benzo(a)pyrene	23.616	252	410418	5.456	ng	99
91) Dibenzo(a,h)anthracene	26.257	278	428944	4.606	ng	97
92) Benzo(g,h,i)perylene	27.004	276	431492	4.710	ng	96

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

