

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
 Data File : BP012670.D
 Acq On : 18 Nov 2022 11:56
 Operator : CG/JU
 Sample : N4955-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

Quant Time: Nov 21 03:33:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 03:25:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	227995	20.000	ng	0.00
21) Naphthalene-d8	10.863	136	960554	20.000	ng	0.00
39) Acenaphthene-d10	14.675	164	640101	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	1432003	20.000	ng	0.00
76) Chrysene-d12	21.516	240	1508202	20.000	ng	0.00
86) Perylene-d12	24.039	264	1469537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1321784	104.774	ng	0.00
7) Phenol-d6	7.187	99	1841833	104.830	ng	0.00
23) Nitrobenzene-d5	9.210	82	1390507	91.018	ng	0.00
42) 2,4,6-Tribromophenol	16.163	330	852191	116.336	ng	0.00
45) 2-Fluorobiphenyl	13.304	172	3816197	89.706	ng	0.00
79) Terphenyl-d14	19.980	244	6342664	90.864	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	26103	5.152	ng	95
3) Pyridine	3.858	79	64355	4.024	ng	99
4) n-Nitrosodimethylamine	3.764	42	30992	4.538	ng	# 74
6) Aniline	7.357	93	110702	5.002	ng	97
8) 2-Chlorophenol	7.599	128	77222	4.957	ng	99
9) Benzaldehyde	7.169	77	74860	7.306	ng	96
10) Phenol	7.210	94	96833	4.892	ng	96
11) bis(2-Chloroethyl)ether	7.457	93	81790	5.187	ng	99
12) 1,3-Dichlorobenzene	7.928	146	91754	5.307	ng	98
13) 1,4-Dichlorobenzene	8.081	146	93982	5.331	ng	99
14) 1,2-Dichlorobenzene	8.399	146	91659	5.418	ng	97
15) Benzyl Alcohol	8.275	79	57078	4.360	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.581	45	119066	5.352	ng	100
17) 2-Methylphenol	8.475	107	63027	4.592	ng	99
18) Hexachloroethane	9.134	117	32696	5.550	ng	97
19) n-Nitroso-di-n-propyla...	8.852	70	51510	4.313	ng	98
20) 3+4-Methylphenols	8.804	107	83035	4.318	ng	98
22) Acetophenone	8.863	105	133300	5.559	ng	# 95
24) Nitrobenzene	9.252	77	91857	5.568	ng	98
25) Isophorone	9.775	82	178336	5.189	ng	99
26) 2-Nitrophenol	9.963	139	27488	3.842	ng	96
27) 2,4-Dimethylphenol	10.016	122	72413	5.364	ng	98
28) bis(2-Chloroethoxy)met...	10.263	93	110795	5.669	ng	98
29) 2,4-Dichlorophenol	10.499	162	71591	4.563	ng	97
30) 1,2,4-Trichlorobenzene	10.722	180	90215	5.356	ng	100
31) Naphthalene	10.910	128	281391	5.329	ng	100
32) Benzoic acid	10.057	122	16536m	1.564	ng	
33) 4-Chloroaniline	11.010	127	103015	4.682	ng	98
34) Hexachlorobutadiene	11.198	225	53894	5.416	ng	98
35) Caprolactam	11.763	113	19682	3.852	ng	99
36) 4-Chloro-3-methylphenol	12.116	107	74931	4.449	ng	95
37) 2-Methylnaphthalene	12.510	142	195056	5.165	ng	98
38) 1-Methylnaphthalene	12.728	142	188907	5.091	ng	99
40) 1,2,4,5-Tetrachloroben...	12.875	216	107320	5.748	ng	100
41) Hexachlorocyclopentadiene	12.857	237	41651	5.866	ng	99
43) 2,4,6-Trichlorophenol	13.110	196	59277	4.460	ng	96

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44) 2,4,5-Trichlorophenol	13.175	196	64574	4.391	ng	98
46) 1,1'-Biphenyl	13.516	154	281272	5.876	ng	100
47) 2-Chloronaphthalene	13.557	162	208110	5.475	ng	99
48) 2-Nitroaniline	13.751	65	22959	3.018	ng	99
49) Acenaphthylene	14.398	152	321999	5.191	ng	99
50) Dimethylphthalate	14.128	163	248240	4.924	ng	99
51) 2,6-Dinitrotoluene	14.239	165	30345	3.432	ng	96
52) Acenaphthene	14.739	154	201318	5.085	ng	94
53) 3-Nitroaniline	14.569	138	32468	3.207	ng	99
54) 2,4-Dinitrophenol	14.769	184	10978	2.236	ng	94
55) Dibenzofuran	15.075	168	328659	5.499	ng	99
56) 4-Nitrophenol	14.857	139	29206	3.082	ng	96
57) 2,4-Dinitrotoluene	15.028	165	35659	3.032	ng	95
58) Fluorene	15.722	166	263827	5.609	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.292	232	56840	4.293	ng	97
60) Diethylphthalate	15.492	149	231681	4.671	ng	99
61) 4-Chlorophenyl-phenyle...	15.716	204	131096	5.798	ng	97
62) 4-Nitroaniline	15.728	138	27850	2.812	ng	96
63) Azobenzene	16.010	77	228740	5.048	ng	97
65) 4,6-Dinitro-2-methylph...	15.786	198	15609	2.220	ng	90
66) n-Nitrosodiphenylamine	15.928	169	205963	4.826	ng	98
67) 4-Bromophenyl-phenylether	16.616	248	70945	4.738	ng	98
68) Hexachlorobenzene	16.728	284	93444	5.381	ng	98
69) Atrazine	16.881	200	49500	4.402	ng	96
70) Pentachlorophenol	17.069	266	46409	4.118	ng	99
71) Phenanthrene	17.475	178	432561	5.325	ng	99
72) Anthracene	17.563	178	417619	5.329	ng	99
73) Carbazole	17.828	167	375733	5.048	ng	99
74) Di-n-butylphthalate	18.380	149	288607	3.719	ng	# 98
75) Fluoranthene	19.427	202	485574	5.046	ng	99
77) Benzidine	19.598	184	74670	3.601	ng	98
78) Pyrene	19.780	202	502255	4.712	ng	99
80) Butylbenzylphthalate	20.657	149	54377	2.827	ng	96
81) Benzo(a)anthracene	21.498	228	507577	4.800	ng	98
82) 3,3'-Dichlorobenzidine	21.421	252	70140	2.635	ng	98
83) Chrysene	21.551	228	496644	4.953	ng	98
84) Bis(2-ethylhexyl)phtha...	21.421	149	90520	2.597	ng	98
85) Di-n-octyl phthalate	22.398	149	154024	2.088	ng	# 90
87) Indeno(1,2,3-cd)pyrene	26.698	276	460989	4.309	ng	99
88) Benzo(b)fluoranthene	23.263	252	482469	4.959	ng	98
89) Benzo(k)fluoranthene	23.315	252	477854	4.943	ng	99
90) Benzo(a)pyrene	23.927	252	381873	4.730	ng	99
91) Dibenzo(a,h)anthracene	26.715	278	414708	4.688	ng	99
92) Benzo(g,h,i)perylene	27.498	276	394266	4.588	ng	98

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

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