

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
 Data File : BP022931.D
 Acq On : 08 Nov 2024 12:47
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 08 13:36:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:36:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	53693	20.000	ng	-0.04
21) Naphthalene-d8	10.322	136	206593	20.000	ng	-0.02
39) Acenaphthene-d10	14.210	164	171694	20.000	ng	0.00
64) Phenanthrene-d10	17.022	188	434135	20.000	ng	0.00
76) Chrysene-d12	21.463	240	532168	20.000	ng	0.00
86) Perylene-d12	24.721	264	645571	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	295223	104.346	ng	-0.04
7) Phenol-d6	6.758	99	403470	102.258	ng	-0.04
23) Nitrobenzene-d5	8.705	82	318819	72.908	ng	-0.04
42) 2,4,6-Tribromophenol	15.728	330	338422	101.690	ng	-0.02
45) 2-Fluorobiphenyl	12.804	172	855853	71.225	ng	-0.01
79) Terphenyl-d14	19.763	244	1882867	66.446	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.158	88	11228	9.940	ng	96
3) Pyridine	3.564	79	24594	7.930	ng	# 85
4) n-Nitrosodimethylamine	3.470	42	13871	9.278	ng	# 83
6) Aniline	6.905	93	37264	11.329	ng	99
8) 2-Chlorophenol	7.140	128	27111	9.142	ng	99
9) Benzaldehyde	6.728	77	26909m	11.800	ng	
10) Phenol	6.781	94	34982	8.952	ng	84
11) bis(2-Chloroethyl)ether	6.993	93	26314	8.913	ng	93
12) 1,3-Dichlorobenzene	7.452	146	33803	8.932	ng	97
13) 1,4-Dichlorobenzene	7.593	146	34380	8.896	ng	98
14) 1,2-Dichlorobenzene	7.905	146	32993	8.830	ng	97
15) Benzyl Alcohol	7.816	79	22167	7.417	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.063	45	30092	9.395	ng	98
17) 2-Methylphenol	8.011	107	22214	8.375	ng	96
18) Hexachloroethane	8.616	117	12136	8.488	ng	98
19) n-Nitroso-di-n-propyla...	8.352	70	23914	8.855	ng	98
20) 3+4-Methylphenols	8.340	107	30524	8.234	ng	92
22) Acetophenone	8.375	105	49334	8.971	ng	98
24) Nitrobenzene	8.740	77	39061	8.794	ng	96
25) Isophorone	9.269	82	63559	8.588	ng	98
26) 2-Nitrophenol	9.457	139	14203	7.786	ng	96
27) 2,4-Dimethylphenol	9.528	122	15106	7.253	ng	95
28) bis(2-Chloroethoxy)met...	9.740	93	35938	8.549	ng	93
29) 2,4-Dichlorophenol	10.010	162	29519	8.188	ng	98
30) 1,2,4-Trichlorobenzene	10.187	180	37740	8.188	ng	93
31) Naphthalene	10.369	128	86997	8.404	ng	99
32) Benzoic acid	9.646	122	29547m	11.814	ng	
33) 4-Chloroaniline	10.499	127	32698	8.875	ng	97
34) Hexachlorobutadiene	10.646	225	27393	8.103	ng	98
35) Caprolactam	11.281	113	8591m	7.960	ng	
36) 4-Chloro-3-methylphenol	11.640	107	32360	8.050	ng	95
37) 2-Methylnaphthalene	11.993	142	66040	8.518	ng	98
38) 1-Methylnaphthalene	12.210	142	60457	7.857	ng	99
40) 1,2,4,5-Tetrachloroben...	12.375	216	49530	8.521	ng	100
41) Hexachlorocyclopentadiene	12.346	237	11052	6.770	ng	89
43) 2,4,6-Trichlorophenol	12.628	196	28878	7.812	ng	94

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44) 2,4,5-Trichlorophenol	12.716	196	32109	7.630	ng	94
46) 1,1'-Biphenyl	13.028	154	99155	8.688	ng	98
47) 2-Chloronaphthalene	13.069	162	77032	8.133	ng	99
48) 2-Nitroaniline	13.287	65	20188	7.316	ng	88
49) Acenaphthylene	13.928	152	119642	9.045	ng	96
50) Dimethylphthalate	13.651	163	105110	8.361	ng	99
51) 2,6-Dinitrotoluene	13.798	165	21121	7.389	ng	92
52) Acenaphthene	14.275	154	70301	8.265	ng	96
53) 3-Nitroaniline	14.145	138	17979	7.742	ng	96
54) 2,4-Dinitrophenol	14.369	184	11049	6.229	ng	90
55) Dibenzofuran	14.622	168	128542	8.605	ng	99
56) 4-Nitrophenol	14.516	139	12342	6.462	ng	# 91
57) 2,4-Dinitrotoluene	14.610	165	30024	7.266	ng	93
58) Fluorene	15.292	166	103469	8.337	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.875	232	33559	8.268	ng	99
60) Diethylphthalate	15.051	149	100955	8.075	ng	98
61) 4-Chlorophenyl-phenyle...	15.281	204	59949	8.196	ng	97
62) 4-Nitroaniline	15.328	138	17208	7.221	ng	96
63) Azobenzene	15.581	77	89528	8.328	ng	96
65) 4,6-Dinitro-2-methylph...	15.392	198	29090	11.014	ng	96
66) n-Nitrosodiphenylamine	15.498	169	89116	8.303	ng	98
67) 4-Bromophenyl-phenylether	16.187	248	42003	8.067	ng	96
68) Hexachlorobenzene	16.316	284	53894	8.081	ng	97
69) Atrazine	16.475	200	38209	10.562	ng	99
70) Pentachlorophenol	16.692	266	28380	6.663	ng	92
71) Phenanthrene	17.075	178	174585	8.310	ng	99
72) Anthracene	17.163	178	172769	8.568	ng	98
73) Carbazole	17.457	167	156361	8.119	ng	99
74) Di-n-butylphthalate	18.034	149	162103	7.553	ng	99
75) Fluoranthene	19.157	202	225894	7.751	ng	100
77) Benzidine	19.369	184	97679	9.290	ng	98
78) Pyrene	19.539	202	244416	7.759	ng	98
80) Butylbenzylphthalate	20.498	149	76432	7.116	ng	92
81) Benzo(a)anthracene	21.445	228	280796	8.479	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	105650	7.881	ng	96
83) Chrysene	21.516	228	262915	8.476	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	113440	7.360	ng	99
85) Di-n-octyl phthalate	22.616	149	198483	7.706	ng	99
87) Indeno(1,2,3-cd)pyrene	28.404	276	375584	8.626	ng	100
88) Benzo(b)fluoranthene	23.686	252	302850	7.985	ng	98
89) Benzo(k)fluoranthene	23.757	252	309378	8.639	ng	99
90) Benzo(a)pyrene	24.563	252	281554	8.676	ng	99
91) Dibenzo(a,h)anthracene	28.462	278	306096	8.572	ng	98
92) Benzo(g,h,i)perylene	29.509	276	287603m	7.861	ng	

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

