

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
 Data File : BP021502.D
 Acq On : 14 Aug 2024 16:30
 Operator : RC/JU
 Sample : P3390-02
 Misc : LOQ-SOIL-10ng
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Quant Time: Aug 14 17:04:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 17:03:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	329961	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1454336	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	934945	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	1917404	20.000	ng	0.00
76) Chrysene-d12	21.692	240	1782628	20.000	ng	0.00
86) Perylene-d12	25.092	264	1858884	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2691680	121.129	ng	0.00
7) Phenol-d6	6.958	99	3950656	121.873	ng	0.00
23) Nitrobenzene-d5	8.952	82	2586372	91.791	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1281445	123.150	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5172553	84.434	ng	0.00
79) Terphenyl-d14	19.969	244	7483171	81.552	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	105607	10.023	ng	99
3) Pyridine	3.705	79	264389	8.989	ng	99
4) n-Nitrosodimethylamine	3.617	42	90150	10.197	ng	# 95
6) Aniline	7.128	93	383904	11.846	ng	99
8) 2-Chlorophenol	7.369	128	211604	10.304	ng	99
9) Benzaldehyde	6.946	77	258511	12.455	ng	100
10) Phenol	6.987	94	336266	10.017	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	290478	10.227	ng	99
12) 1,3-Dichlorobenzene	7.693	146	236297	9.687	ng	97
13) 1,4-Dichlorobenzene	7.840	146	241532	9.806	ng	98
14) 1,2-Dichlorobenzene	8.158	146	231798	9.766	ng	100
15) Benzyl Alcohol	8.028	79	247450	10.639	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	284946	10.894	ng	98
17) 2-Methylphenol	8.228	107	209116	9.854	ng	99
18) Hexachloroethane	8.887	117	98222	9.944	ng	100
19) n-Nitroso-di-n-propyla...	8.599	70	240730	10.751	ng	98
20) 3+4-Methylphenols	8.552	107	283014	9.891	ng	99
22) Acetophenone	8.610	105	455623	10.198	ng	# 98
24) Nitrobenzene	8.987	77	326870	10.681	ng	98
25) Isophorone	9.510	82	670161	10.068	ng	99
26) 2-Nitrophenol	9.699	139	60427	12.868	ng	88
27) 2,4-Dimethylphenol	9.757	122	154169	9.385	ng	97
28) bis(2-Chloroethoxy)met...	9.999	93	413352	10.173	ng	100
29) 2,4-Dichlorophenol	10.228	162	186086	9.587	ng	96
30) 1,2,4-Trichlorobenzene	10.452	180	233681	9.391	ng	99
31) Naphthalene	10.640	128	742802	9.777	ng	99
32) Benzoic acid	9.810	122	64975m	11.152	ng	
33) 4-Chloroaniline	10.734	127	299690	10.501	ng	96
34) Hexachlorobutadiene	10.934	225	145733	9.301	ng	97
35) Caprolactam	11.469	113	73912	9.149	ng	97
36) 4-Chloro-3-methylphenol	11.857	107	254067	9.436	ng	96
37) 2-Methylnaphthalene	12.257	142	510874	9.852	ng	99
38) 1-Methylnaphthalene	12.475	142	478868	9.364	ng	97
40) 1,2,4,5-Tetrachloroben...	12.628	216	281450	10.274	ng	99
41) Hexachlorocyclopentadiene	12.616	237	95624	11.014	ng	98
43) 2,4,6-Trichlorophenol	12.857	196	144544	9.499	ng	96

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44) 2,4,5-Trichlorophenol	12.928	196	166071	9.823	ng	97
46) 1,1'-Biphenyl	13.269	154	689055	10.417	ng	98
47) 2-Chloronaphthalene	13.310	162	522187	10.140	ng	99
48) 2-Nitroaniline	13.504	65	116774	9.753	ng	100
49) Acenaphthylene	14.163	152	822307	10.862	ng	100
50) Dimethylphthalate	13.898	163	636055	10.159	ng	99
51) 2,6-Dinitrotoluene	14.010	165	100597	10.986	ng	96
52) Acenaphthene	14.510	154	491747	9.900	ng	98
53) 3-Nitroaniline	14.334	138	104944	11.480	ng	# 91
54) 2,4-Dinitrophenol	14.540	184	23731	7.349	ng	# 81
55) Dibenzofuran	14.851	168	790929	10.351	ng	99
56) 4-Nitrophenol	14.634	139	74964	8.228	ng	92
57) 2,4-Dinitrotoluene	14.798	165	114010	10.922	ng	97
58) Fluorene	15.504	166	634821	10.113	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.075	232	143015	9.966	ng	99
60) Diethylphthalate	15.287	149	632766	9.850	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	332935	10.260	ng	98
62) 4-Nitroaniline	15.504	138	102790	10.495	ng	87
63) Azobenzene	15.810	77	827126	10.474	ng	99
65) 4,6-Dinitro-2-methylph...	15.575	198	35438	12.065	ng	95
66) n-Nitrosodiphenylamine	15.728	169	533507	10.383	ng	100
67) 4-Bromophenyl-phenylether	16.428	248	189930	9.359	ng	96
68) Hexachlorobenzene	16.539	284	234038	9.759	ng	97
69) Atrazine	16.704	200	181876	10.309	ng	99
70) Pentachlorophenol	16.881	266	101070	7.722	ng	96
71) Phenanthrene	17.292	178	959910	10.410	ng	100
72) Anthracene	17.392	178	917929	10.150	ng	100
73) Carbazole	17.657	167	848534	9.736	ng	99
74) Di-n-butylphthalate	18.263	149	992028	9.268	ng	99
75) Fluoranthene	19.375	202	1066662	9.428	ng	99
77) Benzidine	19.569	184	389999	10.428	ng	98
78) Pyrene	19.745	202	1118309	9.598	ng	100
80) Butylbenzylphthalate	20.704	149	318595	9.839	ng	93
81) Benzo(a)anthracene	21.674	228	1113040	9.946	ng	99
82) 3,3'-Dichlorobenzidine	21.598	252	359119	10.009	ng	97
83) Chrysene	21.745	228	1035221	9.798	ng	99
84) Bis(2-ethylhexyl)phtha...	21.639	149	592518	10.130	ng	99
85) Di-n-octyl phthalate	22.957	149	807047	11.083	ng	98
87) Indeno(1,2,3-cd)pyrene	28.968	276	1186146m	9.844	ng	
88) Benzo(b)fluoranthene	24.027	252	1022599	9.578	ng	99
89) Benzo(k)fluoranthene	24.098	252	1058423	10.163	ng	99
90) Benzo(a)pyrene	24.939	252	933021	10.071	ng	99
91) Dibenzo(a,h)anthracene	29.056	278	986640	9.855	ng	99
92) Benzo(g,h,i)perylene	30.168	276	932496	9.293	ng	97

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

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