

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016469.D
 Acq On : 02 Aug 2023 15:15
 Operator : MA/JU
 Sample : 03849-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GROVE-SOIL-0731MS

Quant Time: Aug 02 21:44:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	422057	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	1782302	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1091334	20.000	ng	-0.01
64) Phenanthrene-d10	17.492	188	2312233	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1598434	20.000	ng	# 0.00
86) Perylene-d12	24.180	264	1269680	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3251514	125.684	ng	-0.01
7) Phenol-d6	7.217	99	4071802	114.827	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2714304	85.251	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1766195	110.008	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	6110528	80.273	ng	-0.01
79) Terphenyl-d14	20.039	244	8472521	111.969	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	390492	38.701	ng	# 66
3) Pyridine	3.870	79	995600	33.010	ng	99
4) n-Nitrosodimethylamine	3.787	42	487040	42.829	ng	97
6) Aniline	7.411	93	1246926	28.469	ng	99
8) 2-Chlorophenol	7.628	128	1300460	47.943	ng	97
9) Benzaldehyde	7.222	77	550049	30.816	ng	97
10) Phenol	7.246	94	1533994	44.546	ng	100
11) bis(2-Chloroethyl)ether	7.505	93	1247610	44.569	ng	98
12) 1,3-Dichlorobenzene	7.958	146	1287191	44.204	ng	98
13) 1,4-Dichlorobenzene	8.111	146	1310827	44.377	ng	99
14) 1,2-Dichlorobenzene	8.428	146	1268341	44.596	ng	98
15) Benzyl Alcohol	8.328	79	1213225	50.079	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.611	45	1457166	45.901	ng	99
17) 2-Methylphenol	8.511	107	1133966	45.692	ng	99
18) Hexachloroethane	9.152	117	477618	45.331	ng	94
19) n-Nitroso-di-n-propyla...	8.899	70	1018682	45.856	ng	98
20) 3+4-Methylphenols	8.846	107	1543273	45.787	ng	98
22) Acetophenone	8.922	105	1983479	44.077	ng	100
24) Nitrobenzene	9.316	77	1445657	44.207	ng	97
25) Isophorone	9.828	82	2889687	44.954	ng	98
26) 2-Nitrophenol	10.022	139	650536	46.275	ng	97
27) 2,4-Dimethylphenol	10.058	122	1268117	44.097	ng	99
28) bis(2-Chloroethoxy)met...	10.322	93	1789316	45.444	ng	99
29) 2,4-Dichlorophenol	10.540	162	1298167	48.235	ng	97
30) 1,2,4-Trichlorobenzene	10.758	180	1212121	41.582	ng	98
31) Naphthalene	10.958	128	3884830	41.671	ng	99
32) Benzoic acid	10.152	122	223413	16.576	ng	98
33) 4-Chloroaniline	11.087	127	443921	10.556	ng	99
34) Hexachlorobutadiene	11.199	225	669890	38.815	ng	99
35) Caprolactam	11.910	113	374850m	38.117	ng	
36) 4-Chloro-3-methylphenol	12.181	107	1446696	48.358	ng	100
37) 2-Methylnaphthalene	12.557	142	2759495	40.745	ng	99
38) 1-Methylnaphthalene	12.775	142	2648432	41.711	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	1378870	41.577	ng	99
41) Hexachlorocyclopentadiene	12.863	237	1528948	91.792	ng	98
43) 2,4,6-Trichlorophenol	13.152	196	1028666	48.340	ng	100

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44) 2,4,5-Trichlorophenol	13.222	196	1140073	44.159	ng	97
46) 1,1'-Biphenyl	13.563	154	3659514	43.990	ng	100
47) 2-Chloronaphthalene	13.610	162	2813842	44.834	ng	99
48) 2-Nitroaniline	13.834	65	909722	51.422	ng	99
49) Acenaphthylene	14.457	152	4723866	45.363	ng	99
50) Dimethylphthalate	14.187	163	3955946	46.517	ng	99
51) 2,6-Dinitrotoluene	14.322	165	822589	47.215	ng	92
52) Acenaphthene	14.793	154	2724276	43.994	ng	99
53) 3-Nitroaniline	14.657	138	595714	30.244	ng	95
54) 2,4-Dinitrophenol	14.851	184	444449	57.078	ng	93
55) Dibenzofuran	15.128	168	4384886	43.175	ng	99
56) 4-Nitrophenol	14.940	139	1370266	88.871	ng	97
57) 2,4-Dinitrotoluene	15.104	165	1104789	48.657	ng	95
58) Fluorene	15.775	166	3468818	43.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.340	232	949964	44.730	ng	93
60) Diethylphthalate	15.540	149	3745136	44.313	ng	98
61) 4-Chlorophenyl-phenyle...	15.769	204	1703391	42.306	ng	99
62) 4-Nitroaniline	15.828	138	858001	43.893	ng	99
63) Azobenzene	16.063	77	3673852	46.038	ng	96
65) 4,6-Dinitro-2-methylph...	15.851	198	397690	38.211	ng	93
66) n-Nitrosodiphenylamine	15.993	169	3137091	46.037	ng	99
67) 4-Bromophenyl-phenylether	16.669	248	1071017	43.744	ng	95
68) Hexachlorobenzene	16.751	284	1222302	44.767	ng	94
69) Atrazine	16.945	200	1093188	53.943	ng	100
70) Pentachlorophenol	17.110	266	1329964	70.388	ng	95
71) Phenanthrene	17.534	178	5479517	44.629	ng	100
72) Anthracene	17.628	178	5522760	44.734	ng	100
73) Carbazole	17.904	167	5164028	44.614	ng	99
74) Di-n-butylphthalate	18.422	149	6278588	46.886	ng	99
75) Fluoranthene	19.492	202	5975487	41.523	ng	98
77) Benzidine	19.686	184	1791399	64.641	ng	99
78) Pyrene	19.851	202	6108363	57.007	ng	100
80) Butylbenzylphthalate	20.710	149	2469362	58.661	ng	96
81) Benzo(a)anthracene	21.569	228	4933982	46.006	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	912349	25.915	ng	# 98
83) Chrysene	21.628	228	4522063	44.155	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	3218126	50.920	ng	99
85) Di-n-octyl phthalate	22.451	149	4519503	42.520	ng	99
87) Indeno(1,2,3-cd)pyrene	26.951	276	4365702	51.001	ng	96
88) Benzo(b)fluoranthene	23.374	252	3842636	52.210	ng	99
89) Benzo(k)fluoranthene	23.374	252	3842636	51.337	ng	99
90) Benzo(a)pyrene	24.069	252	3125866	43.848	ng	98
91) Dibenzo(a,h)anthracene	26.986	278	3610015	50.571	ng	97
92) Benzo(g,h,i)perylene	27.821	276	3637444	52.876	ng	97

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

