

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019801.D
 Acq On : 21 Feb 2024 11:09
 Operator : MA/JU
 Sample : PB159140BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159140BS

Quant Time: Feb 21 11:33:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	69824	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	242615	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	140214	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	285914	20.000	ng	0.00
76) Chrysene-d12	21.380	240	245720	20.000	ng	-0.01
86) Perylene-d12	23.798	264	282208	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	560729	129.447	ng	0.00
7) Phenol-d6	7.069	99	682610	116.870	ng	0.00
23) Nitrobenzene-d5	9.069	82	476813	85.160	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	305545	149.248	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1011161	89.151	ng	0.00
79) Terphenyl-d14	19.851	244	1426726	95.487	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.375	88	59129	35.429	ng 97
3) Pyridine	3.775	79	153261	33.872	ng 99
4) n-Nitrosodimethylamine	3.693	42	85877	43.594	ng 99
6) Aniline	7.228	93	149002	26.254	ng 98
8) 2-Chlorophenol	7.458	128	197682	44.450	ng 98
9) Benzaldehyde	7.046	77	109365m	26.707	ng
10) Phenol	7.099	94	243490	41.827	ng 100
11) bis(2-Chloroethyl)ether	7.334	93	192816	42.574	ng 98
12) 1,3-Dichlorobenzene	7.781	146	236400	43.442	ng 99
13) 1,4-Dichlorobenzene	7.928	146	241785	43.855	ng 98
14) 1,2-Dichlorobenzene	8.246	146	232297	43.548	ng 99
15) Benzyl Alcohol	8.146	79	191321m	40.996	ng
16) 2,2'-oxybis(1-Chloropr...	8.422	45	187514m	41.404	ng
17) 2-Methylphenol	8.346	107	158009	40.317	ng 97
18) Hexachloroethane	8.963	117	91999	43.051	ng 96
19) n-Nitroso-di-n-propyla...	8.716	70	155894	39.076	ng 96
20) 3+4-Methylphenols	8.675	107	207629	38.819	ng 99
22) Acetophenone	8.728	105	303251	43.875	ng # 98
24) Nitrobenzene	9.110	77	234091	41.525	ng 98
25) Isophorone	9.634	82	405172	41.551	ng 100
26) 2-Nitrophenol	9.816	139	104007	48.387	ng 98
27) 2,4-Dimethylphenol	9.875	122	134403	48.900	ng 99
28) bis(2-Chloroethoxy)met...	10.122	93	230859	41.845	ng 99
29) 2,4-Dichlorophenol	10.346	162	183223	44.098	ng 98
30) 1,2,4-Trichlorobenzene	10.557	180	233269	45.789	ng 98
31) Naphthalene	10.746	128	576606	43.333	ng 98
32) Benzoic acid	10.016	122	108984	40.697	ng 96
33) 4-Chloroaniline	10.869	127	52598	10.689	ng 95
34) Hexachlorobutadiene	11.016	225	175582	46.510	ng 98
35) Caprolactam	11.669	113	48525	41.255	ng 95
36) 4-Chloro-3-methylphenol	11.993	107	188929	41.703	ng 99
37) 2-Methylnaphthalene	12.357	142	387926	42.126	ng 99
38) 1-Methylnaphthalene	12.575	142	367675	40.630	ng 100
40) 1,2,4,5-Tetrachloroben...	12.716	216	274472	50.757	ng 99
41) Hexachlorocyclopentadiene	12.687	237	322676	132.090	ng 98
43) 2,4,6-Trichlorophenol	12.969	196	156416	47.769	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	167486	46.582	ng	98
46) 1,1'-Biphenyl	13.369	154	509236	45.504	ng	98
47) 2-Chloronaphthalene	13.410	162	406847	44.288	ng	98
48) 2-Nitroaniline	13.628	65	114719	44.660	ng	99
49) Acenaphthylene	14.251	152	622096	48.268	ng	100
50) Dimethylphthalate	14.004	163	477856	44.519	ng	99
51) 2,6-Dinitrotoluene	14.128	165	103056	43.700	ng	94
52) Acenaphthene	14.593	154	351690	43.966	ng	98
53) 3-Nitroaniline	14.451	138	68388	31.555	ng	95
54) 2,4-Dinitrophenol	14.663	184	120495	98.407	ng	98
55) Dibenzofuran	14.934	168	592606	45.486	ng	97
56) 4-Nitrophenol	14.763	139	144040	81.086	ng	99
57) 2,4-Dinitrotoluene	14.916	165	142168	46.003	ng	98
58) Fluorene	15.581	166	460332	44.362	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.157	232	150030	49.608	ng	97
60) Diethylphthalate	15.363	149	459689	43.056	ng	100
61) 4-Chlorophenyl-phenyle...	15.581	204	265531	45.528	ng	96
62) 4-Nitroaniline	15.616	138	89948	39.595	ng	97
63) Azobenzene	15.875	77	438432	42.466	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	85125	52.214	ng	96
66) n-Nitrosodiphenylamine	15.798	169	394167	46.032	ng	100
67) 4-Bromophenyl-phenylether	16.481	248	172283	48.201	ng	94
68) Hexachlorobenzene	16.581	284	200008	47.918	ng	95
69) Atrazine	16.763	200	140915	49.593	ng	97
70) Pentachlorophenol	16.934	266	246119	94.687	ng	98
71) Phenanthrene	17.334	178	700404	46.549	ng	99
72) Anthracene	17.422	178	704377	46.927	ng	99
73) Carbazole	17.698	167	593062	43.493	ng	99
74) Di-n-butylphthalate	18.257	149	715361	43.389	ng	99
75) Fluoranthene	19.298	202	810147	44.075	ng	99
77) Benzidine	19.492	184	217626	42.363	ng	99
78) Pyrene	19.651	202	830431	47.886	ng	99
80) Butylbenzylphthalate	20.539	149	292019	45.091	ng	97
81) Benzo(a)anthracene	21.363	228	791548	45.762	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	267186	42.390	ng	99
83) Chrysene	21.416	228	754682	45.956	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	400825	40.645	ng	100
85) Di-n-octyl phthalate	22.239	149	672433	38.755	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	1095147	50.697	ng	98
88) Benzo(b)fluoranthene	23.057	252	840722	47.268	ng	100
89) Benzo(k)fluoranthene	23.110	252	764109	44.974	ng	99
90) Benzo(a)pyrene	23.686	252	760193	48.035	ng	98
91) Dibenzo(a,h)anthracene	26.351	278	906582	51.027	ng	98
92) Benzo(g,h,i)perylene	27.098	276	891704	49.472	ng	97

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

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