

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055977.D
 Acq On : 15 Dec 2022 14:59
 Operator : CG/JU
 Sample : PB149554BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149554BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 16 04:02:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.376	152	6326	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	24139	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	24588	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	69854	20.000	ng	# 0.00
76) Chrysene-d12	22.024	240	75655	20.000	ng	# 0.00
86) Perylene-d12	25.520	264	84400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.890	112	41410	153.515	ng	0.00
7) Phenol-d6	7.500	99	50151	144.557	ng	0.00
23) Nitrobenzene-d5	9.545	82	32282	93.456	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	85020	143.399	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	135889	77.510	ng	0.00
79) Terphenyl-d14	20.291	244	372832	87.098	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.711	88	2575	32.802	ng	96
3) Pyridine	4.128	79	7604	29.434	ng	# 90
4) n-Nitrosodimethylamine	4.034	42	8515	36.666	ng	92
6) Aniline	7.682	93	12018	28.933	ng	95
8) 2-Chlorophenol	7.929	128	15815	45.445	ng	93
9) Benzaldehyde	7.500	77	1124	5.159	ng	# 82
10) Phenol	7.530	94	17788	46.848	ng	99
11) bis(2-Chloroethyl)ether	7.776	93	10414	42.107	ng	97
12) 1,3-Dichlorobenzene	8.264	146	17784	39.505	ng	93
13) 1,4-Dichlorobenzene	8.411	146	17796	38.681	ng	96
14) 1,2-Dichlorobenzene	8.734	146	17487	39.772	ng	96
15) Benzyl Alcohol	8.599	79	15938	44.212	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.893	45	14137	43.918	ng	96
17) 2-Methylphenol	8.799	107	13608	45.551	ng	95
18) Hexachloroethane	9.475	117	5636	40.357	ng	# 80
19) n-Nitroso-di-n-propyla...	9.175	70	10287	41.367	ng	95
20) 3+4-Methylphenols	9.122	107	18834	44.178	ng	95
22) Acetophenone	9.198	105	24870	41.561	ng	# 99
24) Nitrobenzene	9.592	77	16131	46.395	ng	95
25) Isophorone	10.109	82	30671	42.344	ng	98
26) 2-Nitrophenol	10.309	139	9360	45.476	ng	# 89
27) 2,4-Dimethylphenol	10.344	122	17415m	50.380	ng	
28) bis(2-Chloroethoxy)met...	10.591	93	15565	48.622	ng	96
29) 2,4-Dichlorophenol	10.838	162	21914	44.665	ng	97
30) 1,2,4-Trichlorobenzene	11.067	180	25289	39.651	ng	94
31) Naphthalene	11.261	128	50275	39.472	ng	99
32) Benzoic acid	10.450	122	12508	42.877	ng	88
33) 4-Chloroaniline	11.355	127	8524	15.611	ng	93
34) Hexachlorobutadiene	11.537	225	22750	37.942	ng	92
35) Caprolactam	12.113	113	5972m	43.688	ng	
36) 4-Chloro-3-methylphenol	12.436	107	21045	45.744	ng	96
37) 2-Methylnaphthalene	12.835	142	44550	39.590	ng	99
38) 1-Methylnaphthalene	13.053	142	41698	38.037	ng	98
40) 1,2,4,5-Tetrachloroben...	13.194	216	40362	38.907	ng	99
41) Hexachlorocyclopentadiene	13.176	237	59271	100.710	ng	97
43) 2,4,6-Trichlorophenol	13.417	196	25859	42.109	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.493	196	28764	41.551	ng	97
46) 1,1'-Biphenyl	13.822	154	66785	40.072	ng	100
47) 2-Chloronaphthalene	13.869	162	52573	38.822	ng	95
48) 2-Nitroaniline	14.057	65	12897	48.293	ng	94
49) Acenaphthylene	14.710	152	84833	39.246	ng	99
50) Dimethylphthalate	14.422	163	82893	38.994	ng	98
51) 2,6-Dinitrotoluene	14.539	165	16518	50.213	ng	# 88
52) Acenaphthene	15.044	154	64527	44.466	ng	94
53) 3-Nitroaniline	14.874	138	8706	26.019	ng	98
54) 2,4-Dinitrophenol	15.074	184	23253	95.083	ng	# 79
55) Dibenzofuran	15.373	168	95133	38.985	ng	98
56) 4-Nitrophenol	15.156	139	25253	94.180	ng	96
57) 2,4-Dinitrotoluene	15.321	165	23963	48.258	ng	90
58) Fluorene	16.020	166	76519	38.359	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.591	232	33075	41.823	ng	99
60) Diethylphthalate	15.773	149	80085	38.544	ng	99
61) 4-Chlorophenyl-phenyle...	16.008	204	53480	39.355	ng	98
62) 4-Nitroaniline	16.026	138	14916	40.934	ng	98
63) Azobenzene	16.296	77	49521	39.158	ng	96
65) 4,6-Dinitro-2-methylph...	16.084	198	15420	46.210	ng	91
66) n-Nitrosodiphenylamine	16.214	169	73655	40.236	ng	99
67) 4-Bromophenyl-phenylether	16.895	248	40550	39.616	ng	97
68) Hexachlorobenzene	17.024	284	50118	39.751	ng	98
69) Atrazine	17.148	200	20887	25.200	ng	94
70) Pentachlorophenol	17.359	266	64022	88.823	ng	96
71) Phenanthrene	17.759	178	142283	38.868	ng	99
72) Anthracene	17.853	178	144707	39.956	ng	99
73) Carbazole	18.111	167	121396	40.642	ng	98
74) Di-n-butylphthalate	18.652	149	135030	38.873	ng	99
75) Fluoranthene	19.745	202	185647	36.216	ng	99
77) Benzidine	19.921	184	21630m	16.280	ng	
78) Pyrene	20.109	202	185205	40.456	ng	99
80) Butylbenzylphthalate	20.973	149	53255	41.053	ng	97
81) Benzo(a)anthracene	22.001	228	208099	39.089	ng	100
82) 3,3'-Dichlorobenzidine	21.901	252	49226	25.700	ng	97
83) Chrysene	22.077	228	194220	38.926	ng	100
84) Bis(2-ethylhexyl)phtha...	21.883	149	76676	39.785	ng	97
85) Di-n-octyl phthalate	23.194	149	130070	39.786	ng	100
87) Indeno(1,2,3-cd)pyrene	29.551	276	268299	39.532	ng	99
88) Benzo(b)fluoranthene	24.410	252	231988	42.471	ng	98
89) Benzo(k)fluoranthene	24.480	252	223658m	41.040	ng	
90) Benzo(a)pyrene	25.356	252	203874	44.156	ng	99
91) Dibenzo(a,h)anthracene	29.633	278	236032	41.551	ng	99
92) Benzo(g,h,i)perylene	30.820	276	218013	39.694	ng	99

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

