

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055338.D
 Acq On : 28 Oct 2022 12:27
 Operator : CG/JU
 Sample : PB148475BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB148475BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

Quant Time: Oct 29 05:34:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.264	152	33215	20.000	ng	0.00	
21) Naphthalene-d8	11.096	136	151671	20.000	ng	0.00	
39) Acenaphthene-d10	14.880	164	109937	20.000	ng	0.00	
64) Phenanthrene-d10	17.612	188	265883	20.000	ng	0.00	
76) Chrysene-d12	21.889	240	242608	20.000	ng	0.00	
86) Perylene-d12	25.285	264	256595	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	283691	149.551	ng	0.00	
7) Phenol-d6	7.412	99	376741	137.085	ng	0.00	
23) Nitrobenzene-d5	9.439	82	230746	77.686	ng	0.00	
42) 2,4,6-Tribromophenol	16.360	330	181804	152.123	ng	0.00	
45) 2-Fluorobiphenyl	13.505	172	550396	81.944	ng	0.00	
79) Terphenyl-d14	20.185	244	1012845	86.740	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.593	88	27820	30.374	ng		Qvalue 96
3) Pyridine	4.010	79	78430	28.435	ng		95
4) n-Nitrosodimethylamine	3.922	42	42894	35.003	ng		93
6) Aniline	7.576	93	142649	39.650	ng		100
8) 2-Chlorophenol	7.823	128	101486	46.017	ng		98
9) Benzaldehyde	7.388	77	62529	33.324	ng		98
10) Phenol	7.441	94	133369	43.325	ng		99
11) bis(2-Chloroethyl)ether	7.665	93	92046	39.611	ng		97
12) 1,3-Dichlorobenzene	8.152	146	104544	43.446	ng		96
13) 1,4-Dichlorobenzene	8.299	146	106021	43.137	ng		100
14) 1,2-Dichlorobenzene	8.622	146	103871	43.895	ng		97
15) Benzyl Alcohol	8.499	79	95029m	41.320	ng		
16) 2,2'-oxybis(1-Chloropr...	8.787	45	138840	36.509	ng		96
17) 2-Methylphenol	8.705	107	94168	43.255	ng		98
18) Hexachloroethane	9.363	117	37430	42.768	ng		92
19) n-Nitroso-di-n-propyla...	9.069	70	84545	37.046	ng		95
20) 3+4-Methylphenols	9.034	107	128967	41.361	ng		99
22) Acetophenone	9.092	105	156842	40.448	ng	#	96
24) Nitrobenzene	9.480	77	117711	38.060	ng		98
25) Isophorone	10.003	82	234104	39.021	ng		97
26) 2-Nitrophenol	10.197	139	60349	44.559	ng		96
27) 2,4-Dimethylphenol	10.244	122	104994	49.657	ng		96
28) bis(2-Chloroethoxy)met...	10.479	93	132876	43.866	ng		98
29) 2,4-Dichlorophenol	10.737	162	106009	46.736	ng		98
30) 1,2,4-Trichlorobenzene	10.955	180	100855	43.566	ng		99
31) Naphthalene	11.143	128	319945	39.543	ng		100
32) Benzoic acid	10.403	122	58164	37.413	ng		97
33) 4-Chloroaniline	11.249	127	118243	34.183	ng		99
34) Hexachlorobutadiene	11.419	225	61356	46.387	ng		99
35) Caprolactam	12.024	113	41361m	39.289	ng		
36) 4-Chloro-3-methylphenol	12.353	107	122605	42.957	ng		97
37) 2-Methylnaphthalene	12.729	142	234514	40.200	ng		99
38) 1-Methylnaphthalene	12.947	142	223655	38.861	ng		100
40) 1,2,4,5-Tetrachloroben...	13.088	216	118636	44.742	ng		99
41) Hexachlorocyclopentadiene	13.064	237	128765	100.741	ng		97
43) 2,4,6-Trichlorophenol	13.323	196	86231	44.031	ng		98

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44) 2,4,5-Trichlorophenol	13.405	196	95751	44.204	ng	94
46) 1,1'-Biphenyl	13.716	154	317578	42.118	ng	98
47) 2-Chloronaphthalene	13.769	162	242129	40.722	ng	98
48) 2-Nitroaniline	13.963	65	86500	37.199	ng	93
49) Acenaphthylene	14.609	152	404404	39.400	ng	100
50) Dimethylphthalate	14.321	163	343183	39.759	ng	100
51) 2,6-Dinitrotoluene	14.451	165	74638	42.494	ng	89
52) Acenaphthene	14.944	154	289652m	44.272	ng	
53) 3-Nitroaniline	14.780	138	73817	33.438	ng	99
54) 2,4-Dinitrophenol	14.991	184	90019	87.142	ng	93
55) Dibenzofuran	15.273	168	389974	39.730	ng	98
56) 4-Nitrophenol	15.091	139	135276	85.674	ng	93
57) 2,4-Dinitrotoluene	15.232	165	111116	43.594	ng	90
58) Fluorene	15.920	166	318729	39.025	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.497	232	82546	42.746	ng	93
60) Diethylphthalate	15.667	149	367723	40.049	ng	98
61) 4-Chlorophenyl-phenyle...	15.902	204	162980	43.425	ng	96
62) 4-Nitroaniline	15.937	138	91394	39.396	ng	98
63) Azobenzene	16.196	77	326014	36.447	ng	96
65) 4,6-Dinitro-2-methylph...	15.996	198	63203	43.241	ng	91
66) n-Nitrosodiphenylamine	16.113	169	292753	39.558	ng	99
67) 4-Bromophenyl-phenylether	16.795	248	112162	43.420	ng	96
68) Hexachlorobenzene	16.918	284	126129	43.184	ng	96
69) Atrazine	17.048	200	126074	50.099	ng	99
70) Pentachlorophenol	17.265	266	134042	81.198	ng	96
71) Phenanthrene	17.659	178	547215	38.591	ng	99
72) Anthracene	17.747	178	558051	40.257	ng	100
73) Carbazole	18.011	167	542331	40.676	ng	99
74) Di-n-butylphthalate	18.540	149	684973	41.098	ng	99
75) Fluoranthene	19.645	202	654159	39.591	ng	98
77) Benzidine	19.815	184	446489	76.008	ng	99
78) Pyrene	20.003	202	664248	39.945	ng	99
80) Butylbenzylphthalate	20.861	149	294149	37.433	ng	91
81) Benzo(a)anthracene	21.871	228	628332	38.568	ng	99
82) 3,3'-Dichlorobenzidine	21.772	252	209561	39.495	ng	98
83) Chrysene	21.942	228	585970	37.865	ng	100
84) Bis(2-ethylhexyl)phtha...	21.730	149	425064	37.866	ng	97
85) Di-n-octyl phthalate	22.994	149	713770	38.167	ng	96
87) Indeno(1,2,3-cd)pyrene	29.204	276	765265	40.380	ng	# 94
88) Benzo(b)fluoranthene	24.198	252	655390	42.462	ng	96
89) Benzo(k)fluoranthene	24.275	252	656810	42.143	ng	98
90) Benzo(a)pyrene	25.126	252	590064	44.580	ng	98
91) Dibenzo(a,h)anthracene	29.269	278	674501	43.369	ng	97
92) Benzo(g,h,i)perylene	30.438	276	660829	42.839	ng	97

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

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