

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019889.D
 Acq On : 27 Feb 2024 10:46
 Operator : MA/JU
 Sample : PB159278BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159278BS

Quant Time: Feb 27 11:23:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	113662	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	371822	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	238771	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	465574	20.000	ng	0.00
76) Chrysene-d12	21.404	240	346849	20.000	ng	0.00
86) Perylene-d12	23.821	264	336734	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	821743	118.666	ng	0.00
7) Phenol-d6	7.081	99	1352714	131.203	ng	0.00
23) Nitrobenzene-d5	9.075	82	735775	79.888	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	528890	129.184	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1721277	97.400	ng	0.00
79) Terphenyl-d14	19.875	244	2167493	98.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	75371	31.468	ng	100
3) Pyridine	3.775	79	192339	26.255	ng	99
4) n-Nitrosodimethylamine	3.699	42	116900	38.724	ng	99
6) Aniline	7.234	93	311421	24.623	ng	99
8) 2-Chlorophenol	7.463	128	360186	48.235	ng	99
9) Benzaldehyde	7.052	77	81877m	13.913	ng	
10) Phenol	7.105	94	487423	47.412	ng	96
11) bis(2-Chloroethyl)ether	7.340	93	347392	42.904	ng	99
12) 1,3-Dichlorobenzene	7.781	146	381804	47.093	ng	99
13) 1,4-Dichlorobenzene	7.934	146	392199	47.772	ng	98
14) 1,2-Dichlorobenzene	8.246	146	374760	45.504	ng	97
15) Benzyl Alcohol	8.152	79	382250m	42.026	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	345862	40.007	ng	100
17) 2-Methylphenol	8.352	107	315889	41.085	ng	99
18) Hexachloroethane	8.963	117	130124	40.902	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	286685	36.808	ng	98
20) 3+4-Methylphenols	8.681	107	416569	37.706	ng	97
22) Acetophenone	8.734	105	541092	46.856	ng	98
24) Nitrobenzene	9.116	77	367629	41.231	ng	99
25) Isophorone	9.646	82	643400	40.136	ng	98
26) 2-Nitrophenol	9.822	139	163464	45.817	ng	98
27) 2,4-Dimethylphenol	9.887	122	229358	38.942	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	373690	41.771	ng	99
29) 2,4-Dichlorophenol	10.357	162	316531	48.181	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	349827	48.470	ng	99
31) Naphthalene	10.752	128	883047	44.356	ng	98
32) Benzoic acid	10.063	122	215485	43.183	ng	94
33) 4-Chloroaniline	10.881	127	165830	18.334	ng	98
34) Hexachlorobutadiene	11.022	225	252275	48.066	ng	99
35) Caprolactam	11.699	113	79238	32.706	ng	90
36) 4-Chloro-3-methylphenol	12.004	107	326230	40.255	ng	99
37) 2-Methylnaphthalene	12.363	142	626093	40.513	ng	99
38) 1-Methylnaphthalene	12.581	142	594013	40.621	ng	97
40) 1,2,4,5-Tetrachloroben...	12.728	216	445487	54.619	ng	99
41) Hexachlorocyclopentadiene	12.693	237	532188	126.015	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	276647	51.371	ng	98

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44) 2,4,5-Trichlorophenol	13.051	196	294767	45.950	ng	98
46) 1,1'-Biphenyl	13.381	154	857286	50.145	ng	99
47) 2-Chloronaphthalene	13.422	162	681497	51.357	ng	99
48) 2-Nitroaniline	13.640	65	199220	41.539	ng	93
49) Acenaphthylene	14.263	152	1050929	48.884	ng	99
50) Dimethylphthalate	14.016	163	804810	41.290	ng	100
51) 2,6-Dinitrotoluene	14.140	165	178536	42.559	ng	98
52) Acenaphthene	14.604	154	589597	45.675	ng	99
53) 3-Nitroaniline	14.469	138	101514	24.446	ng	98
54) 2,4-Dinitrophenol	14.687	184	235153	85.993	ng	99
55) Dibenzofuran	14.945	168	1005106	45.623	ng	99
56) 4-Nitrophenol	14.787	139	257625	79.308	ng	96
57) 2,4-Dinitrotoluene	14.934	165	237386	39.761	ng	98
58) Fluorene	15.598	166	789383	44.180	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	260437	44.250	ng	98
60) Diethylphthalate	15.381	149	761913	39.567	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	457608	44.783	ng	99
62) 4-Nitroaniline	15.640	138	148354m	34.300	ng	
63) Azobenzene	15.887	77	751182	41.903	ng	100
65) 4,6-Dinitro-2-methylph...	15.692	198	143881	45.532	ng	98
66) n-Nitrosodiphenylamine	15.816	169	665340	49.803	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	290905	50.533	ng	99
68) Hexachlorobenzene	16.592	284	334255	53.840	ng	99
69) Atrazine	16.781	200	215801	38.606	ng	98
70) Pentachlorophenol	16.945	266	413980	90.213	ng	99
71) Phenanthrene	17.345	178	1135902	45.709	ng	100
72) Anthracene	17.439	178	1139684	44.925	ng	99
73) Carbazole	17.716	167	936583	41.685	ng	99
74) Di-n-butylphthalate	18.269	149	1101440	39.197	ng	100
75) Fluoranthene	19.316	202	1233980	38.262	ng	100
77) Benzidine	19.510	184	312722	31.388	ng	99
78) Pyrene	19.669	202	1251184	52.503	ng	100
80) Butylbenzylphthalate	20.557	149	413904	43.434	ng	99
81) Benzo(a)anthracene	21.386	228	1148814	46.661	ng	99
82) 3,3'-Dichlorobenzidine	21.322	252	349319	36.993	ng	99
83) Chrysene	21.439	228	1033417	44.794	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	560941	41.006	ng	100
85) Di-n-octyl phthalate	22.263	149	901865	39.615	ng	100
87) Indeno(1,2,3-cd)pyrene	26.357	276	1207024	50.916	ng	99
88) Benzo(b)fluoranthene	23.086	252	1048695	50.797	ng	99
89) Benzo(k)fluoranthene	23.133	252	989252	48.859	ng	99
90) Benzo(a)pyrene	23.716	252	936432	47.464	ng	100
91) Dibenzo(a,h)anthracene	26.386	278	1005824	50.470	ng	100
92) Benzo(g,h,i)perylene	27.145	276	980390	50.960	ng	98

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

