

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
 Data File : BP022925.D
 Acq On : 08 Nov 2024 08:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 10:00:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:36:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	56063	20.000	ng	0.00
21) Naphthalene-d8	10.346	136	218752	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	193666	20.000	ng	0.00
64) Phenanthrene-d10	17.022	188	538205	20.000	ng	0.00
76) Chrysene-d12	21.463	240	653145	20.000	ng	0.00
86) Perylene-d12	24.692	264	807363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	226188	76.566	ng	0.00
7) Phenol-d6	6.799	99	318147	77.224	ng	0.00
23) Nitrobenzene-d5	8.734	82	370262	79.966	ng	0.00
42) 2,4,6-Tribromophenol	15.728	330	318956	84.968	ng	-0.02
45) 2-Fluorobiphenyl	12.816	172	1022220	75.419	ng	0.00
79) Terphenyl-d14	19.763	244	2769620	79.636	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	44758	37.949	ng	95
3) Pyridine	3.575	79	126161m	38.958	ng	
4) n-Nitrosodimethylamine	3.487	42	70968	45.460	ng	# 88
6) Aniline	6.940	93	135179	39.361	ng	97
8) 2-Chlorophenol	7.175	128	120171	38.808	ng	98
9) Benzaldehyde	6.769	77	86730	36.426	ng	97
10) Phenol	6.822	94	157733	38.660	ng	94
11) bis(2-Chloroethyl)ether	7.034	93	117445	38.100	ng	99
12) 1,3-Dichlorobenzene	7.487	146	154808	39.176	ng	96
13) 1,4-Dichlorobenzene	7.628	146	156938	38.890	ng	98
14) 1,2-Dichlorobenzene	7.940	146	152239	39.020	ng	98
15) Benzyl Alcohol	7.846	79	126338	40.488	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.122	45	128601	38.452	ng	99
17) 2-Methylphenol	8.040	107	108458	39.161	ng	90
18) Hexachloroethane	8.652	117	58620	39.267	ng	97
19) n-Nitroso-di-n-propyla...	8.387	70	112180	39.782	ng	97
20) 3+4-Methylphenols	8.363	107	156079	40.323	ng	98
22) Acetophenone	8.405	105	221369	38.018	ng	# 97
24) Nitrobenzene	8.775	77	187226	39.807	ng	97
25) Isophorone	9.299	82	307759	39.271	ng	99
26) 2-Nitrophenol	9.475	139	73196	37.897	ng	92
27) 2,4-Dimethylphenol	9.552	122	87082	39.485	ng	95
28) bis(2-Chloroethoxy)met...	9.763	93	167748	37.685	ng	99
29) 2,4-Dichlorophenol	10.022	162	153559	40.225	ng	97
30) 1,2,4-Trichlorobenzene	10.216	180	187919	38.505	ng	99
31) Naphthalene	10.393	128	426072	38.873	ng	99
32) Benzoic acid	9.716	122	104183	39.340	ng	95
33) 4-Chloroaniline	10.522	127	157904	40.475	ng	96
34) Hexachlorobutadiene	10.669	225	145215	40.567	ng	98
35) Caprolactam	11.310	113	45068	39.435	ng	93
36) 4-Chloro-3-methylphenol	11.657	107	176525	41.474	ng	97
37) 2-Methylnaphthalene	12.016	142	331083	40.332	ng	98
38) 1-Methylnaphthalene	12.228	142	329079	40.389	ng	98
40) 1,2,4,5-Tetrachloroben...	12.393	216	249916	38.117	ng	99
41) Hexachlorocyclopentadiene	12.363	237	75101	40.787	ng	100
43) 2,4,6-Trichlorophenol	12.640	196	161376	38.701	ng	99

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44) 2,4,5-Trichlorophenol	12.722	196	185829	39.148	ng	99
46) 1,1'-Biphenyl	13.040	154	488155	37.918	ng	100
47) 2-Chloronaphthalene	13.087	162	404294	37.841	ng	97
48) 2-Nitroaniline	13.298	65	126989	40.796	ng	96
49) Acenaphthylene	13.934	152	583397	39.100	ng	98
50) Dimethylphthalate	13.669	163	545600	38.478	ng	99
51) 2,6-Dinitrotoluene	13.810	165	126471	39.227	ng	90
52) Acenaphthene	14.275	154	376656	39.257	ng	96
53) 3-Nitroaniline	14.151	138	107482	41.031	ng	92
54) 2,4-Dinitrophenol	14.357	184	83389	41.680	ng	95
55) Dibenzofuran	14.622	168	672871	39.934	ng	99
56) 4-Nitrophenol	14.481	139	92100	42.748	ng	96
57) 2,4-Dinitrotoluene	14.604	165	191304	41.044	ng	90
58) Fluorene	15.286	166	570834	40.777	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.875	232	191501	41.830	ng	100
60) Diethylphthalate	15.057	149	577191	40.928	ng	100
61) 4-Chlorophenyl-phenyle...	15.275	204	337014	40.847	ng	97
62) 4-Nitroaniline	15.322	138	117620m	43.757	ng	
63) Azobenzene	15.581	77	530490	43.746	ng	97
65) 4,6-Dinitro-2-methylph...	15.392	198	129752	39.627	ng	100
66) n-Nitrosodiphenylamine	15.510	169	491993	36.976	ng	100
67) 4-Bromophenyl-phenylether	16.192	248	245846	38.085	ng	96
68) Hexachlorobenzene	16.316	284	316006	38.219	ng	99
69) Atrazine	16.486	200	183498	40.914	ng	99
70) Pentachlorophenol	16.675	266	211504	40.055	ng	98
71) Phenanthrene	17.069	178	1002690	38.496	ng	100
72) Anthracene	17.157	178	968186	38.732	ng	99
73) Carbazole	17.445	167	939190	39.339	ng	99
74) Di-n-butylphthalate	18.028	149	1043944	39.235	ng	99
75) Fluoranthene	19.157	202	1427283	39.502	ng	99
77) Benzidine	19.369	184	385721	29.889	ng	99
78) Pyrene	19.533	202	1520500	39.329	ng	99
80) Butylbenzylphthalate	20.498	149	523671	39.726	ng	97
81) Benzo(a)anthracene	21.445	228	1618731	39.827	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	641037	38.961	ng	99
83) Chrysene	21.516	228	1516398	39.831	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	763526	40.360	ng	100
85) Di-n-octyl phthalate	22.598	149	1302707	41.207	ng	100
87) Indeno(1,2,3-cd)pyrene	28.368	276	2157735	39.624	ng	# 65
88) Benzo(b)fluoranthene	23.668	252	1839039	38.771	ng	98
89) Benzo(k)fluoranthene	23.727	252	1796327	40.107	ng	98
90) Benzo(a)pyrene	24.533	252	1596921	39.347	ng	99
91) Dibenzo(a,h)anthracene	28.415	278	1746612	39.113	ng	99
92) Benzo(g,h,i)perylene	29.486	276	1825804	39.903	ng	99

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

