

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
 Data File : BP019605.D
 Acq On : 08 Feb 2024 12:16
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 12:53:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	71075	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	260472	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	169449	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	384789	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	436422	20.000	ng	0.00
86) Perylene-d12	23.798	264	535469	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	349934	79.362	ng	-0.01
7) Phenol-d6	7.075	99	471750	79.347	ng	-0.01
23) Nitrobenzene-d5	9.075	82	470132	78.210	ng	-0.01
42) 2,4,6-Tribromophenol	16.028	330	210439	85.058	ng	-0.01
45) 2-Fluorobiphenyl	13.169	172	1022093	74.568	ng	-0.01
79) Terphenyl-d14	19.863	244	1898561	71.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	68214	40.154	ng	99
3) Pyridine	3.775	79	188969	41.029	ng	98
4) n-Nitrosodimethylamine	3.699	42	80484	40.137	ng	99
6) Aniline	7.234	93	226426	39.194	ng	99
8) 2-Chlorophenol	7.469	128	177213	39.146	ng	96
9) Benzaldehyde	7.052	77	180030	43.190	ng	97
10) Phenol	7.099	94	231922	39.139	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	172034	37.317	ng	100
12) 1,3-Dichlorobenzene	7.793	146	215845	38.966	ng	99
13) 1,4-Dichlorobenzene	7.940	146	217229	38.708	ng	99
14) 1,2-Dichlorobenzene	8.251	146	207576	38.228	ng	99
15) Benzyl Alcohol	8.151	79	180505	37.998	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.446	45	166163m	36.044	ng	
17) 2-Methylphenol	8.351	107	154531	38.736	ng	99
18) Hexachloroethane	8.975	117	81009	37.241	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	146192	35.999	ng	97
20) 3+4-Methylphenols	8.681	107	209411	38.463	ng	98
22) Acetophenone	8.734	105	287213	38.706	ng	# 98
24) Nitrobenzene	9.116	77	238474	39.402	ng	99
25) Isophorone	9.640	82	394490	37.683	ng	99
26) 2-Nitrophenol	9.822	139	92993	40.297	ng	97
27) 2,4-Dimethylphenol	9.887	122	116482	39.474	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	219834	37.114	ng	99
29) 2,4-Dichlorophenol	10.351	162	177827	39.866	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	216062	39.504	ng	99
31) Naphthalene	10.757	128	555631	38.894	ng	99
32) Benzoic acid	10.010	122	121491	42.257	ng	96
33) 4-Chloroaniline	10.875	127	212990	40.315	ng	99
34) Hexachlorobutadiene	11.028	225	155004	38.244	ng	99
35) Caprolactam	11.657	113	54736	43.345	ng	95
36) 4-Chloro-3-methylphenol	11.992	107	196350	40.369	ng	99
37) 2-Methylnaphthalene	12.363	142	384101	38.851	ng	99
38) 1-Methylnaphthalene	12.581	142	376599	38.763	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	248534	38.031	ng	98
41) Hexachlorocyclopentadiene	12.698	237	112195	38.004	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	153200	38.715	ng	99

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44) 2,4,5-Trichlorophenol	13.039	196	170888	39.328	ng	99
46) 1,1'-Biphenyl	13.375	154	498085	36.829	ng	99
47) 2-Chloronaphthalene	13.416	162	424209	38.210	ng	98
48) 2-Nitroaniline	13.628	65	128484	41.389	ng	98
49) Acenaphthylene	14.263	152	602821	38.703	ng	99
50) Dimethylphthalate	14.010	163	500206	38.561	ng	100
51) 2,6-Dinitrotoluene	14.128	165	117376	41.185	ng	98
52) Acenaphthene	14.604	154	372212	38.504	ng	98
53) 3-Nitroaniline	14.457	138	113207	43.223	ng	98
54) 2,4-Dinitrophenol	14.663	184	66284	44.794	ng	99
55) Dibenzofuran	14.939	168	614743	39.045	ng	99
56) 4-Nitrophenol	14.757	139	98115	45.704	ng	96
57) 2,4-Dinitrotoluene	14.910	165	163822	43.864	ng	99
58) Fluorene	15.586	166	499209	39.809	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.163	232	153803	42.081	ng	98
60) Diethylphthalate	15.375	149	502370	38.936	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	271760	38.557	ng	96
62) 4-Nitroaniline	15.616	138	124170	45.229	ng	98
63) Azobenzene	15.881	77	480251	38.491	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	95083	43.336	ng	94
66) n-Nitrosodiphenylamine	15.804	169	421414	36.568	ng	100
67) 4-Bromophenyl-phenylether	16.486	248	168738	35.078	ng	99
68) Hexachlorobenzene	16.580	284	211744	37.694	ng	97
69) Atrazine	16.769	200	145865	38.144	ng	97
70) Pentachlorophenol	16.933	266	147681	42.216	ng	100
71) Phenanthrene	17.333	178	787867	38.907	ng	99
72) Anthracene	17.427	178	790709	39.143	ng	100
73) Carbazole	17.704	167	767032	41.797	ng	99
74) Di-n-butylphthalate	18.263	149	830644	37.435	ng	100
75) Fluoranthene	19.304	202	1064165	43.018	ng	99
77) Benzidine	19.492	184	298037	32.665	ng	99
78) Pyrene	19.657	202	1116101	36.236	ng	99
80) Butylbenzylphthalate	20.545	149	404432	35.161	ng	99
81) Benzo(a)anthracene	21.368	228	1189031	38.704	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	427758	38.211	ng	100
83) Chrysene	21.421	228	1126482	38.622	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	568212	32.441	ng	99
85) Di-n-octyl phthalate	22.257	149	1024663	33.250	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	1560422	38.070	ng	99
88) Benzo(b)fluoranthene	23.062	252	1324662	39.251	ng	100
89) Benzo(k)fluoranthene	23.110	252	1255773	38.954	ng	99
90) Benzo(a)pyrene	23.692	252	1170688	38.986	ng	99
91) Dibenzo(a,h)anthracene	26.345	278	1284263	38.096	ng	98
92) Benzo(g,h,i)perylene	27.092	276	1300451	38.025	ng	99

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

