

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019552.D
 Acq On : 03 Feb 2024 05:27
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 03 05:55:07 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	7.905	152	74972	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	277505	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	191217	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	466684	20.000	ng	0.00
76) Chrysene-d12	21.398	240	544358	20.000	ng	0.00
86) Perylene-d12	23.816	264	647918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	367869	79.093	ng	-0.01
7) Phenol-d6	7.075	99	479374	76.438	ng	-0.01
23) Nitrobenzene-d5	9.075	82	509791	79.602	ng	-0.01
42) 2,4,6-Tribromophenol	16.040	330	256649	91.926	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1181688	76.397	ng	0.00
79) Terphenyl-d14	19.869	244	2506939	75.736	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	75009	41.858	ng	98
3) Pyridine	3.781	79	203080m	41.801	ng	
4) n-Nitrosodimethylamine	3.705	42	95013	44.920	ng	92
6) Aniline	7.240	93	230987	37.906	ng	97
8) 2-Chlorophenol	7.469	128	185096	38.762	ng	98
9) Benzaldehyde	7.052	77	140267	31.901	ng	97
10) Phenol	7.105	94	235654	37.701	ng	92
11) bis(2-Chloroethyl)ether	7.346	93	179127	36.835	ng	98
12) 1,3-Dichlorobenzene	7.793	146	229400	39.261	ng	98
13) 1,4-Dichlorobenzene	7.946	146	230450	38.929	ng	99
14) 1,2-Dichlorobenzene	8.258	146	220629	38.520	ng	98
15) Benzyl Alcohol	8.158	79	193009	38.518	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.452	45	177582	36.518	ng	100
17) 2-Methylphenol	8.352	107	160425	38.123	ng	96
18) Hexachloroethane	8.981	117	89354	38.942	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	158149	36.919	ng	97
20) 3+4-Methylphenols	8.687	107	219646	38.245	ng	94
22) Acetophenone	8.740	105	304264	38.487	ng	# 97
24) Nitrobenzene	9.122	77	257286	39.901	ng	100
25) Isophorone	9.646	82	435925	39.085	ng	99
26) 2-Nitrophenol	9.822	139	98842	40.202	ng	99
27) 2,4-Dimethylphenol	9.887	122	125738	39.995	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	245255	38.865	ng	99
29) 2,4-Dichlorophenol	10.357	162	192779	40.565	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	235004	40.330	ng	98
31) Naphthalene	10.757	128	605306	39.771	ng	100
32) Benzoic acid	10.022	122	130281	42.533	ng	94
33) 4-Chloroaniline	10.881	127	229471	40.769	ng	98
34) Hexachlorobutadiene	11.034	225	176492	40.873	ng	98
35) Caprolactam	11.669	113	60145	44.705	ng	92
36) 4-Chloro-3-methylphenol	11.999	107	218416	42.150	ng	98
37) 2-Methylnaphthalene	12.369	142	426925	40.532	ng	97
38) 1-Methylnaphthalene	12.587	142	425392	41.098	ng	98
40) 1,2,4,5-Tetrachloroben...	12.734	216	278999	37.833	ng	100
41) Hexachlorocyclopentadiene	12.704	237	130951	39.308	ng	96
43) 2,4,6-Trichlorophenol	12.981	196	174547	39.088	ng	100

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44) 2,4,5-Trichlorophenol	13.046	196	200345	40.858	ng	97
46) 1,1'-Biphenyl	13.387	154	578033	37.875	ng	100
47) 2-Chloronaphthalene	13.422	162	478131	38.165	ng	99
48) 2-Nitroaniline	13.634	65	149527	42.684	ng	96
49) Acenaphthylene	14.269	152	698677	39.751	ng	100
50) Dimethylphthalate	14.016	163	607917	41.529	ng	99
51) 2,6-Dinitrotoluene	14.140	165	136710	42.508	ng	99
52) Acenaphthene	14.610	154	430665	39.479	ng	98
53) 3-Nitroaniline	14.463	138	131174	44.381	ng	95
54) 2,4-Dinitrophenol	14.663	184	76674	45.917	ng	99
55) Dibenzofuran	14.945	168	730382	41.108	ng	99
56) 4-Nitrophenol	14.763	139	113504	46.853	ng	96
57) 2,4-Dinitrotoluene	14.922	165	195173	46.310	ng	96
58) Fluorene	15.598	166	605608	42.796	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	181745	44.065	ng	99
60) Diethylphthalate	15.387	149	638437	43.849	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	335327	42.160	ng	99
62) 4-Nitroaniline	15.628	138	146135	47.170	ng	92
63) Azobenzene	15.892	77	607267	43.131	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	112020	42.096	ng	96
66) n-Nitrosodiphenylamine	15.816	169	513303	36.726	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	215213	36.889	ng	98
68) Hexachlorobenzene	16.592	284	259433	38.079	ng	99
69) Atrazine	16.775	200	189926	40.951	ng	97
70) Pentachlorophenol	16.939	266	180550	42.555	ng	99
71) Phenanthrene	17.345	178	976357	39.754	ng	99
72) Anthracene	17.434	178	985519	40.225	ng	100
73) Carbazole	17.710	167	942743	42.357	ng	100
74) Di-n-butylphthalate	18.275	149	1141402	42.413	ng	100
75) Fluoranthene	19.310	202	1341901	44.726	ng	100
77) Benzidine	19.504	184	552415	48.540	ng	98
78) Pyrene	19.663	202	1409447	36.687	ng	100
80) Butylbenzylphthalate	20.557	149	547256	38.144	ng	99
81) Benzo(a)anthracene	21.380	228	1512256	39.465	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	553308	39.626	ng	98
83) Chrysene	21.433	228	1423003	39.115	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	833233	38.139	ng	100
85) Di-n-octyl phthalate	22.275	149	1458072	37.933	ng	100
87) Indeno(1,2,3-cd)pyrene	26.345	276	1901620	38.342	ng	99
88) Benzo(b)fluoranthene	23.080	252	1642320	40.218	ng	100
89) Benzo(k)fluoranthene	23.127	252	1552463	39.799	ng	99
90) Benzo(a)pyrene	23.710	252	1452253	39.969	ng	100
91) Dibenzo(a,h)anthracene	26.380	278	1562501	38.306	ng	99
92) Benzo(g,h,i)perylene	27.127	276	1575393	38.069	ng	99

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

