

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019887.D
 Acq On : 27 Feb 2024 09:39
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Feb 27 10:57:59 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	86547	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	359032	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	270982	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	624074	20.000	ng	0.00
76) Chrysene-d12	21.404	240	582099	20.000	ng	0.00
86) Perylene-d12	23.827	264	499793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	451521	85.631	ng	0.00
7) Phenol-d6	7.069	99	590543	75.224	ng	0.00
23) Nitrobenzene-d5	9.069	82	661401	74.371	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	432951	93.180	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1661311	82.832	ng	0.00
79) Terphenyl-d14	19.875	244	3213835	87.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	72880	39.961	ng	100
3) Pyridine	3.775	79	231051m	41.421	ng	
4) n-Nitrosodimethylamine	3.699	42	96747	42.089	ng	98
6) Aniline	7.234	93	358102	37.184	ng	97
8) 2-Chlorophenol	7.458	128	221331	38.926	ng	99
9) Benzaldehyde	7.046	77	161012	35.932	ng	98
10) Phenol	7.099	94	289845	37.026	ng	96
11) bis(2-Chloroethyl)ether	7.334	93	228623	37.081	ng	99
12) 1,3-Dichlorobenzene	7.781	146	248356	40.231	ng	98
13) 1,4-Dichlorobenzene	7.934	146	254261	40.674	ng	99
14) 1,2-Dichlorobenzene	8.246	146	247016	39.390	ng	99
15) Benzyl Alcohol	8.152	79	255923	36.952	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	226052	34.340	ng	98
17) 2-Methylphenol	8.346	107	220018	37.581	ng	98
18) Hexachloroethane	8.963	117	97613	40.296	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	218804	36.894	ng	99
20) 3+4-Methylphenols	8.681	107	301111	35.794	ng	97
22) Acetophenone	8.734	105	396028	35.516	ng	98
24) Nitrobenzene	9.116	77	318633	37.009	ng	98
25) Isophorone	9.640	82	581817	37.587	ng	100
26) 2-Nitrophenol	9.822	139	141278	41.009	ng	97
27) 2,4-Dimethylphenol	9.881	122	226579	39.840	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	330512	38.260	ng	99
29) 2,4-Dichlorophenol	10.352	162	259508	40.909	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	283290	40.649	ng	97
31) Naphthalene	10.752	128	760746	39.574	ng	99
32) Benzoic acid	10.057	122	191985	39.844	ng	98
33) 4-Chloroaniline	10.875	127	341871	39.144	ng	99
34) Hexachlorobutadiene	11.016	225	208076	41.057	ng	99
35) Caprolactam	11.699	113	88640	37.890	ng	92
36) 4-Chloro-3-methylphenol	11.999	107	299235	38.239	ng	98
37) 2-Methylnaphthalene	12.363	142	585889	39.262	ng	98
38) 1-Methylnaphthalene	12.581	142	553068	39.169	ng	97
40) 1,2,4,5-Tetrachloroben...	12.728	216	386383	41.742	ng	100
41) Hexachlorocyclopentadiene	12.693	237	218481	45.584	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	255917	41.873	ng	99

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44) 2,4,5-Trichlorophenol	13.051	196	301515	41.415	ng	97
46) 1,1'-Biphenyl	13.375	154	794366	40.941	ng	99
47) 2-Chloronaphthalene	13.416	162	611300	40.591	ng	99
48) 2-Nitroaniline	13.640	65	212845	39.104	ng	97
49) Acenaphthylene	14.263	152	983223	40.298	ng	99
50) Dimethylphthalate	14.016	163	874891	39.550	ng	99
51) 2,6-Dinitrotoluene	14.140	165	190724	40.060	ng	98
52) Acenaphthene	14.604	154	586899	40.061	ng	99
53) 3-Nitroaniline	14.469	138	184894	39.233	ng	96
54) 2,4-Dinitrophenol	14.681	184	125936	40.579	ng	97
55) Dibenzofuran	14.945	168	1016882	40.671	ng	100
56) 4-Nitrophenol	14.781	139	146553	39.753	ng	97
57) 2,4-Dinitrotoluene	14.928	165	273581	40.376	ng	99
58) Fluorene	15.598	166	951753	46.936	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	277447	41.537	ng	97
60) Diethylphthalate	15.381	149	910033	41.641	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	548371	47.287	ng	99
62) 4-Nitroaniline	15.639	138	232299m	47.324	ng	
63) Azobenzene	15.887	77	975411	47.944	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	202941	47.911	ng	97
66) n-Nitrosodiphenylamine	15.816	169	844738	47.173	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	348982	45.225	ng	98
68) Hexachlorobenzene	16.592	284	368449	44.275	ng	100
69) Atrazine	16.781	200	298006	39.773	ng	99
70) Pentachlorophenol	16.951	266	262571	42.686	ng	96
71) Phenanthrene	17.345	178	1344136	40.351	ng	100
72) Anthracene	17.439	178	1372613	40.365	ng	100
73) Carbazole	17.716	167	1187160	39.418	ng	99
74) Di-n-butylphthalate	18.275	149	1507860	40.032	ng	99
75) Fluoranthene	19.316	202	1701841	39.366	ng	100
77) Benzidine	19.510	184	735364	43.979	ng	99
78) Pyrene	19.669	202	1719438	42.993	ng	99
80) Butylbenzylphthalate	20.557	149	648457	40.546	ng	98
81) Benzo(a)anthracene	21.386	228	1662477	40.235	ng	100
82) 3,3'-Dichlorobenzidine	21.327	252	613746	38.728	ng	99
83) Chrysene	21.445	228	1556880	40.211	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	906634	39.492	ng	99
85) Di-n-octyl phthalate	22.263	149	1354907	35.462	ng	99
87) Indeno(1,2,3-cd)pyrene	26.362	276	1193851	33.930	ng	99
88) Benzo(b)fluoranthene	23.086	252	1301768	42.483	ng	100
89) Benzo(k)fluoranthene	23.139	252	1326697	44.148	ng	100
90) Benzo(a)pyrene	23.721	252	1193419	40.754	ng	100
91) Dibenzo(a,h)anthracene	26.386	278	998726	33.764	ng	99
92) Benzo(g,h,i)perylene	27.139	276	959931	33.618	ng	98

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

