

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016399.D
 Acq On : 27 Jul 2023 14:29
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 17:36:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 17:32:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	437444	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	1722887	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	1072226	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2443129	20.000	ng	0.00
76) Chrysene-d12	21.598	240	2476488	20.000	ng	0.00
86) Perylene-d12	24.198	264	2979370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3136008	116.955	ng	0.00
7) Phenol-d6	7.228	99	4300207	117.003	ng	0.00
23) Nitrobenzene-d5	9.293	82	3696545	120.105	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	2123468	134.618	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	8756486	117.083	ng	0.00
79) Terphenyl-d14	20.045	244	12861515	109.707	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	589104	56.332	ng	100
3) Pyridine	3.875	79	1811811m	58.882	ng	
4) n-Nitrosodimethylamine	3.805	42	670594	56.897	ng	99
6) Aniline	7.428	93	2628435	57.900	ng	99
8) 2-Chlorophenol	7.646	128	1650906	58.721	ng	98
9) Benzaldehyde	7.246	77	883125	59.625	ng	100
10) Phenol	7.258	94	2067042	57.914	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	1662316	57.295	ng	100
12) 1,3-Dichlorobenzene	7.975	146	1754983	58.148	ng	99
13) 1,4-Dichlorobenzene	8.128	146	1780292	58.150	ng	100
14) 1,2-Dichlorobenzene	8.446	146	1709702	58.000	ng	99
15) Benzyl Alcohol	8.346	79	1502807	59.851	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.628	45	1819633	55.302	ng	99
17) 2-Methylphenol	8.528	107	1513663	58.846	ng	99
18) Hexachloroethane	9.169	117	632913	57.957	ng	98
19) n-Nitroso-di-n-propyla...	8.916	70	1296980	56.330	ng	98
20) 3+4-Methylphenols	8.863	107	2081256	59.576	ng	99
22) Acetophenone	8.940	105	2557209	58.787	ng	# 100
24) Nitrobenzene	9.334	77	1893109	59.886	ng	100
25) Isophorone	9.852	82	3719289	59.856	ng	99
26) 2-Nitrophenol	10.040	139	847607	61.285	ng	98
27) 2,4-Dimethylphenol	10.075	122	1641815	59.060	ng	99
28) bis(2-Chloroethoxy)met...	10.340	93	2242785	58.925	ng	100
29) 2,4-Dichlorophenol	10.557	162	1665925	64.034	ng	99
30) 1,2,4-Trichlorobenzene	10.775	180	1751538	62.158	ng	99
31) Naphthalene	10.981	128	5358347	59.459	ng	99
32) Benzoic acid	10.216	122	1139498	60.581	ng	99
33) 4-Chloroaniline	11.104	127	2467133	60.691	ng	99
34) Hexachlorobutadiene	11.216	225	1056060	63.301	ng	99
35) Caprolactam	11.928	113	605660	63.697	ng	98
36) 4-Chloro-3-methylphenol	12.193	107	1794597	62.056	ng	99
37) 2-Methylnaphthalene	12.575	142	3944474	60.250	ng	99
38) 1-Methylnaphthalene	12.793	142	3689032	60.103	ng	99
40) 1,2,4,5-Tetrachloroben...	12.922	216	2056876	63.125	ng	99
41) Hexachlorocyclopentadiene	12.875	237	1073027	65.569	ng	100
43) 2,4,6-Trichlorophenol	13.163	196	1373917	65.715	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016399.D
 Acq On : 27 Jul 2023 14:29
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 17:36:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 17:32:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	1652197	65.137	ng	99
46) 1,1'-Biphenyl	13.575	154	4866198	59.537	ng	99
47) 2-Chloronaphthalene	13.622	162	3690121	59.843	ng	100
48) 2-Nitroaniline	13.845	65	1107558	63.720	ng	95
49) Acenaphthylene	14.469	152	6156761	60.177	ng	99
50) Dimethylphthalate	14.204	163	5028553	60.183	ng	100
51) 2,6-Dinitrotoluene	14.334	165	1109091	64.794	ng	99
52) Acenaphthene	14.804	154	3653627	60.053	ng	99
53) 3-Nitroaniline	14.669	138	1252118	64.702	ng	99
54) 2,4-Dinitrophenol	14.863	184	465503	60.319	ng	99
55) Dibenzofuran	15.140	168	5980121	59.932	ng	100
56) 4-Nitrophenol	14.945	139	1003212	66.225	ng	98
57) 2,4-Dinitrotoluene	15.116	165	1504047	67.421	ng	96
58) Fluorene	15.787	166	4643902	59.240	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.345	232	1363713	65.357	ng	100
60) Diethylphthalate	15.557	149	4985205	60.037	ng	100
61) 4-Chlorophenyl-phenyle...	15.781	204	2410065	60.925	ng	98
62) 4-Nitroaniline	15.840	138	1244642	64.808	ng	99
63) Azobenzene	16.075	77	4489039	57.255	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	720594	61.023	ng	97
66) n-Nitrosodiphenylamine	16.004	169	4281698	59.467	ng	100
67) 4-Bromophenyl-phenylether	16.681	248	1645411	63.604	ng	99
68) Hexachlorobenzene	16.763	284	1842230	63.857	ng	97
69) Atrazine	16.951	200	1232299	57.549	ng	100
70) Pentachlorophenol	17.122	266	1330748	66.656	ng	98
71) Phenanthrene	17.545	178	7620154	58.739	ng	99
72) Anthracene	17.639	178	7817344	59.927	ng	100
73) Carbazole	17.910	167	7268938	59.435	ng	99
74) Di-n-butylphthalate	18.433	149	8603045	60.802	ng	99
75) Fluoranthene	19.498	202	9333859	61.385	ng	98
77) Benzidine	19.692	184	2223728	51.791	ng	99
78) Pyrene	19.857	202	9689847	58.368	ng	99
80) Butylbenzylphthalate	20.722	149	4036301	61.888	ng	96
81) Benzo(a)anthracene	21.580	228	9910198	59.642	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	3456892	63.377	ng	99
83) Chrysene	21.639	228	9395797	59.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.469	149	5990540	61.180	ng	99
85) Di-n-octyl phthalate	22.469	149	10302253	62.559	ng	99
87) Indeno(1,2,3-cd)pyrene	26.986	276	12845421	63.951	ng	99
88) Benzo(b)fluoranthene	23.386	252	10492032	60.757	ng	99
89) Benzo(k)fluoranthene	23.445	252	10615666	60.439	ng	99
90) Benzo(a)pyrene	24.086	252	10325038	61.722	ng	99
91) Dibenzo(a,h)anthracene	27.021	278	10659819	63.637	ng	99
92) Benzo(g,h,i)perylene	27.851	276	10305921	63.844	ng	99

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

