

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091624\
 Data File : BP021935.D
 Acq On : 16 Sep 2024 15:55
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 16:44:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 16:26:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	130014	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	519215	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	373566	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	833703	20.000	ng	0.01
76) Chrysene-d12	21.574	240	795316	20.000	ng	0.00
86) Perylene-d12	24.874	264	917556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1081725	150.149	ng	0.00
7) Phenol-d6	6.934	99	1475276	167.091	ng	0.00
23) Nitrobenzene-d5	8.893	82	1545475	163.310	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	834112	170.043	ng	0.02
45) 2-Fluorobiphenyl	12.975	172	3793013	154.730	ng	0.00
79) Terphenyl-d14	19.869	244	6515701	161.827	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.605	42	324352	74.598	ng	94
6) Aniline	7.087	93	617212	77.359	ng	99
8) 2-Chlorophenol	7.322	128	592645	78.918	ng	99
9) Benzaldehyde	6.899	77	282990	60.131	ng	98
10) Phenol	6.957	94	732756	83.362	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	551582	78.246	ng	98
12) 1,3-Dichlorobenzene	7.634	146	706031	75.583	ng	98
13) 1,4-Dichlorobenzene	7.781	146	725103	76.680	ng	99
14) 1,2-Dichlorobenzene	8.093	146	695254	76.839	ng	99
15) Benzyl Alcohol	7.981	79	575721	84.982	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	591922	75.859	ng	98
17) 2-Methylphenol	8.181	107	501317	81.676	ng	98
18) Hexachloroethane	8.810	117	269202	77.398	ng	98
19) n-Nitroso-di-n-propyla...	8.552	70	488546	82.318	ng	96
20) 3+4-Methylphenols	8.510	107	713081	82.869	ng	99
22) Acetophenone	8.557	105	972661	79.639	ng	# 98
24) Nitrobenzene	8.928	77	792162	80.872	ng	99
25) Isophorone	9.457	82	1322881	87.442	ng	100
26) 2-Nitrophenol	9.628	139	353736	91.592	ng	98
27) 2,4-Dimethylphenol	9.693	122	406043	84.718	ng	95
28) bis(2-Chloroethoxy)met...	9.922	93	770259	76.873	ng	99
29) 2,4-Dichlorophenol	10.163	162	667436	81.414	ng	99
30) 1,2,4-Trichlorobenzene	10.375	180	756962	75.766	ng	99
31) Naphthalene	10.557	128	1978342	76.184	ng	100
32) Benzoic acid	9.887	122	506474	96.552	ng	98
33) 4-Chloroaniline	10.669	127	749810	78.498	ng	97
34) Hexachlorobutadiene	10.845	225	521929	75.583	ng	98
35) Caprolactam	11.481	113	209042m	83.644	ng	
36) 4-Chloro-3-methylphenol	11.793	107	729405	81.888	ng	95
37) 2-Methylnaphthalene	12.163	142	1449039	76.752	ng	97
38) 1-Methylnaphthalene	12.392	142	1433875	76.631	ng	97
40) 1,2,4,5-Tetrachloroben...	12.534	216	894886	79.798	ng	100
41) Hexachlorocyclopentadiene	12.516	237	317375	81.257	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	598204	83.470	ng	99
44) 2,4,5-Trichlorophenol	12.851	196	666818	81.093	ng	96
46) 1,1'-Biphenyl	13.181	154	1949806	76.583	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091624\
 Data File : BP021935.D
 Acq On : 16 Sep 2024 15:55
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 16:44:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 16:26:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.222	162	1586979	77.633	ng	99
48) 2-Nitroaniline	13.434	65	488216	86.931	ng	98
49) Acenaphthylene	14.081	152	2320033	79.255	ng	100
50) Dimethylphthalate	13.816	163	2051559	76.697	ng	99
51) 2,6-Dinitrotoluene	13.928	165	474647	80.585	ng	99
52) Acenaphthene	14.422	154	1464317	76.801	ng	100
53) 3-Nitroaniline	14.251	138	444064	82.314	ng	99
54) 2,4-Dinitrophenol	14.475	184	290866	95.170	ng	92
55) Dibenzofuran	14.763	168	2434861	79.947	ng	96
56) 4-Nitrophenol	14.575	139	392693	83.418	ng	85
57) 2,4-Dinitrotoluene	14.728	165	675131	84.821	ng	97
58) Fluorene	15.416	166	1964967	78.786	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	582800m	83.269	ng	
60) Diethylphthalate	15.186	149	2089812	79.131	ng	98
61) 4-Chlorophenyl-phenyle...	15.416	204	1057100	79.056	ng	96
62) 4-Nitroaniline	15.445	138	481809	84.669	ng	90
63) Azobenzene	15.710	77	1846225	80.076	ng	96
65) 4,6-Dinitro-2-methylph...	15.504	198	399910	90.677	ng	93
66) n-Nitrosodiphenylamine	15.622	169	1681744	78.833	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	679056	79.877	ng	95
68) Hexachlorobenzene	16.445	284	808406	79.862	ng	95
69) Atrazine	16.598	200	562706	72.014	ng	99
70) Pentachlorophenol	16.792	266	580528	85.182	ng	99
71) Phenanthrene	17.192	178	3166484	77.299	ng	100
72) Anthracene	17.280	178	3041098	77.260	ng	100
73) Carbazole	17.575	167	2969348	76.129	ng	99
74) Di-n-butylphthalate	18.157	149	3572044	78.458	ng	99
75) Fluoranthene	19.274	202	4077206	76.231	ng	99
78) Pyrene	19.657	202	4204351	82.711	ng	99
80) Butylbenzylphthalate	20.598	149	1636603	85.171	ng	99
81) Benzo(a)anthracene	21.557	228	4069149	79.429	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	1314007	76.939	ng	100
83) Chrysene	21.621	228	3826595	78.124	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	2282711	81.476	ng	100
85) Di-n-octyl phthalate	22.751	149	3988273	86.213	ng	98
87) Indeno(1,2,3-cd)pyrene	28.650	276	4706581	79.909	ng	97
88) Benzo(b)fluoranthene	23.827	252	4391560	83.770	ng	99
89) Benzo(k)fluoranthene	23.910	252	4034845m	81.103	ng	
90) Benzo(a)pyrene	24.733	252	3789711	81.290	ng	99
91) Dibenzo(a,h)anthracene	28.739	278	3842850	78.801	ng	97
92) Benzo(g,h,i)perylene	29.833	276	4024972m	79.350	ng	

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

