

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019661.D
 Acq On : 12 Feb 2024 14:12
 Operator : MA/JU
 Sample : P1394-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 12 14:45:53 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	7.910	152	99869	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	351259	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	190867	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	325810	20.000	ng	0.00
76) Chrysene-d12	21.386	240	280611	20.000	ng	0.00
86) Perylene-d12	23.804	264	426837	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	561735	90.666	ng	0.00
7) Phenol-d6	7.081	99	723385	86.592	ng	0.00
23) Nitrobenzene-d5	9.075	82	478471	59.024	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	244362	87.686	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	960697	62.223	ng	-0.01
79) Terphenyl-d14	19.863	244	890023	52.161	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	86130	36.082	ng	99
3) Pyridine	3.781	79	231358	35.750	ng	99
4) n-Nitrosodimethylamine	3.705	42	121579	43.150	ng	95
6) Aniline	7.240	93	345797	42.600	ng	99
8) 2-Chlorophenol	7.469	128	283684	44.598	ng	97
9) Benzaldehyde	7.058	77	79860m	13.635	ng	
10) Phenol	7.110	94	365262	43.869	ng	98
11) bis(2-Chloroethyl)ether	7.346	93	271273	41.877	ng	97
12) 1,3-Dichlorobenzene	7.793	146	320972	41.238	ng	97
13) 1,4-Dichlorobenzene	7.940	146	332109	42.116	ng	99
14) 1,2-Dichlorobenzene	8.252	146	316649	41.502	ng	97
15) Benzyl Alcohol	8.157	79	285569m	42.782	ng	
16) 2,2'-oxybis(1-Chloropr...	8.434	45	262913	40.587	ng	99
17) 2-Methylphenol	8.357	107	238011	42.460	ng	98
18) Hexachloroethane	8.975	117	123616	40.443	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	216766	37.988	ng	98
20) 3+4-Methylphenols	8.687	107	316393	41.357	ng	98
22) Acetophenone	8.740	105	439887	43.959	ng	# 98
24) Nitrobenzene	9.122	77	339238	41.564	ng	98
25) Isophorone	9.646	82	566343	40.116	ng	100
26) 2-Nitrophenol	9.828	139	150509	48.363	ng	95
27) 2,4-Dimethylphenol	9.887	122	199736	50.193	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	334844	41.920	ng	99
29) 2,4-Dichlorophenol	10.357	162	268160	44.579	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	319204	43.278	ng	98
31) Naphthalene	10.757	128	813583	42.231	ng	99
32) Benzoic acid	10.034	122	159232	41.070	ng	90
33) 4-Chloroaniline	10.875	127	197671	27.745	ng	98
34) Hexachlorobutadiene	11.028	225	232871	42.606	ng	98
35) Caprolactam	11.675	113	61945	36.376	ng	95
36) 4-Chloro-3-methylphenol	11.998	107	266961	40.701	ng	97
37) 2-Methylnaphthalene	12.369	142	541546	40.619	ng	98
38) 1-Methylnaphthalene	12.587	142	517654	39.510	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	371736	50.500	ng	98
41) Hexachlorocyclopentadiene	12.698	237	391012	117.585	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	214143	48.043	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019661.D
 Acq On : 12 Feb 2024 14:12
 Operator : MA/JU
 Sample : P1394-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3(4-5)MS

Quant Time: Feb 12 14:45:53 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	223897	45.745	ng	97
46) 1,1'-Biphenyl	13.381	154	709224	46.556	ng	99
47) 2-Chloronaphthalene	13.416	162	569361	45.530	ng	98
48) 2-Nitroaniline	13.628	65	150537	43.051	ng	98
49) Acenaphthylene	14.263	152	838599	47.799	ng	99
50) Dimethylphthalate	14.010	163	601453	41.163	ng	98
51) 2,6-Dinitrotoluene	14.134	165	131773	41.048	ng	94
52) Acenaphthene	14.604	154	469812	43.146	ng	99
53) 3-Nitroaniline	14.457	138	90597	30.709	ng	94
54) 2,4-Dinitrophenol	14.669	184	130589	78.348	ng	97
55) Dibenzofuran	14.939	168	768515	43.334	ng	99
56) 4-Nitrophenol	14.769	139	189630	78.421	ng	94
57) 2,4-Dinitrotoluene	14.916	165	164840	39.184	ng	99
58) Fluorene	15.592	166	585583	41.456	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	180910	43.943	ng	97
60) Diethylphthalate	15.375	149	547291	37.658	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	332940	41.936	ng	95
62) 4-Nitroaniline	15.622	138	106231	34.353	ng	97
63) Azobenzene	15.886	77	545659	38.826	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	86176	46.386	ng	97
66) n-Nitrosodiphenylamine	15.810	169	475099	48.690	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	199993	49.102	ng	98
68) Hexachlorobenzene	16.586	284	223389	46.966	ng	96
69) Atrazine	16.769	200	156558	48.351	ng	95
70) Pentachlorophenol	16.939	266	266556	89.992	ng	98
71) Phenanthrene	17.339	178	776420	45.282	ng	99
72) Anthracene	17.428	178	785862	45.945	ng	100
73) Carbazole	17.704	167	627929	40.411	ng	100
74) Di-n-butylphthalate	18.263	149	716499	38.136	ng	99
75) Fluoranthene	19.304	202	802843	38.329	ng	99
77) Benzidine	19.498	184	512068	87.285	ng	100
78) Pyrene	19.657	202	817940	41.301	ng	99
80) Butylbenzylphthalate	20.545	149	270188	36.533	ng	99
81) Benzo(a)anthracene	21.374	228	879731	44.537	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	335574	46.621	ng	99
83) Chrysene	21.427	228	827391	44.119	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	368927	32.759	ng	100
85) Di-n-octyl phthalate	22.257	149	682008	34.419	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	1602662	49.052	ng	99
88) Benzo(b)fluoranthene	23.068	252	1138824	42.333	ng	99
89) Benzo(k)fluoranthene	23.121	252	1035979	40.315	ng	99
90) Benzo(a)pyrene	23.698	252	1077497	45.015	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1302791	48.481	ng	99
92) Benzo(g,h,i)perylene	27.121	276	1285214	47.143	ng	99

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

