

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019831.D
 Acq On : 22 Feb 2024 18:56
 Operator : MA/JU
 Sample : P1549-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 336MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :mohammad ahmed 02/23/2024

Quant Time: Feb 23 00:58:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	92411	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	344973	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	245705	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	568993	20.000	ng	0.00
76) Chrysene-d12	21.386	240	552156	20.000	ng	0.00
86) Perylene-d12	23.809	264	620071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	595092	103.802	ng	0.00
7) Phenol-d6	7.075	99	739309	95.640	ng	0.00
23) Nitrobenzene-d5	9.069	82	611538	76.814	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	551947	153.854	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1471490	74.036	ng	0.00
79) Terphenyl-d14	19.857	244	2963501	88.265	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	68300	30.922	ng	# 61
3) Pyridine	3.781	79	184179	30.756	ng	99
4) n-Nitrosodimethylamine	3.699	42	94751	36.343	ng	99
6) Aniline	7.228	93	217706	28.984	ng	98
8) 2-Chlorophenol	7.457	128	233458	39.664	ng	98
9) Benzaldehyde	7.046	77	36565m	6.747	ng	
10) Phenol	7.099	94	264937	34.387	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	231955	38.698	ng	98
12) 1,3-Dichlorobenzene	7.781	146	276960	38.455	ng	98
13) 1,4-Dichlorobenzene	7.928	146	282635	38.735	ng	99
14) 1,2-Dichlorobenzene	8.240	146	271209	38.415	ng	98
15) Benzyl Alcohol	8.146	79	253000m	40.962	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	228281	38.085	ng	99
17) 2-Methylphenol	8.351	107	201326	38.814	ng	99
18) Hexachloroethane	8.963	117	94278	33.334	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	197408	37.388	ng	99
20) 3+4-Methylphenols	8.681	107	269575	38.081	ng	97
22) Acetophenone	8.728	105	383050	38.976	ng	# 99
24) Nitrobenzene	9.110	77	301683	37.636	ng	99
25) Isophorone	9.634	82	551346	39.765	ng	99
26) 2-Nitrophenol	9.816	139	114823	37.569	ng	97
27) 2,4-Dimethylphenol	9.881	122	179144	45.838	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	308474	39.323	ng	99
29) 2,4-Dichlorophenol	10.351	162	261074	44.192	ng	95
30) 1,2,4-Trichlorobenzene	10.557	180	298884	41.261	ng	99
31) Naphthalene	10.745	128	758457	40.087	ng	99
32) Benzoic acid	9.975	122	10842m	2.847	ng	
33) 4-Chloroaniline	10.869	127	103429	14.782	ng	99
34) Hexachlorobutadiene	11.010	225	219398	40.873	ng	100
35) Caprolactam	11.687	113	67094	40.117	ng	95
36) 4-Chloro-3-methylphenol	11.998	107	283013	43.934	ng	100
37) 2-Methylnaphthalene	12.357	142	548045	41.856	ng	99
38) 1-Methylnaphthalene	12.575	142	519359	40.363	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	392817	41.454	ng	99
41) Hexachlorocyclopentadiene	12.687	237	119112	27.825	ng	97
43) 2,4,6-Trichlorophenol	12.969	196	248111	43.241	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019831.D
 Acq On : 22 Feb 2024 18:56
 Operator : MA/JU
 Sample : P1549-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 336MSD

Quant Time: Feb 23 00:58:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :mohammad ahmed 02/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	269532	42.778	ng	98
46) 1,1'-Biphenyl	13.369	154	753389	38.418	ng	100
47) 2-Chloronaphthalene	13.410	162	612729	38.062	ng	98
48) 2-Nitroaniline	13.628	65	196598	43.676	ng	98
49) Acenaphthylene	14.257	152	980158	43.399	ng	99
50) Dimethylphthalate	14.004	163	778839	41.407	ng	99
51) 2,6-Dinitrotoluene	14.128	165	166550	40.302	ng	96
52) Acenaphthene	14.598	154	555113	39.602	ng	99
53) 3-Nitroaniline	14.457	138	144266	37.986	ng	94
54) 2,4-Dinitrophenol	14.681	184	5301	2.471	ng	95
55) Dibenzofuran	14.933	168	954029	41.788	ng	98
56) 4-Nitrophenol	14.775	139	231300	74.305	ng	97
57) 2,4-Dinitrotoluene	14.922	165	236410	43.654	ng	95
58) Fluorene	15.586	166	785648	43.206	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	298395	56.304	ng	94
60) Diethylphthalate	15.369	149	788122	42.125	ng	99
61) 4-Chlorophenyl-phenyle...	15.580	204	448123	43.847	ng	94
62) 4-Nitroaniline	15.622	138	175679	44.131	ng	98
63) Azobenzene	15.875	77	736198	40.693	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	9421	2.904	ng	97
66) n-Nitrosodiphenylamine	15.804	169	678998	39.846	ng	99
67) 4-Bromophenyl-phenylether	16.480	248	303241	42.631	ng	95
68) Hexachlorobenzene	16.580	284	361940	43.573	ng	96
69) Atrazine	16.769	200	285786	50.540	ng	95
70) Pentachlorophenol	16.939	266	276497	53.452	ng	99
71) Phenanthrene	17.333	178	1301395	43.461	ng	98
72) Anthracene	17.427	178	1327639	44.446	ng	100
73) Carbazole	17.704	167	1179510	43.466	ng	99
74) Di-n-butylphthalate	18.257	149	1399242	42.645	ng	99
75) Fluoranthene	19.304	202	1662915	45.460	ng	99
77) Benzidine	19.492	184	964758	83.574	ng	100
78) Pyrene	19.657	202	1696141	43.526	ng	99
80) Butylbenzylphthalate	20.539	149	627617	43.127	ng	100
81) Benzo(a)anthracene	21.374	228	1695168	43.614	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	580013	40.952	ng	98
83) Chrysene	21.427	228	1570352	42.555	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	899133	40.574	ng	99
85) Di-n-octyl phthalate	22.245	149	1527918	39.188	ng	99
87) Indeno(1,2,3-cd)pyrene	26.351	276	1998175	42.099	ng	97
88) Benzo(b)fluoranthene	23.074	252	1698083	43.451	ng	99
89) Benzo(k)fluoranthene	23.121	252	1604338	42.976	ng	99
90) Benzo(a)pyrene	23.704	252	1513715	43.532	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	1648760	42.236	ng	98
92) Benzo(g,h,i)perylene	27.133	276	1557684	39.332	ng	97

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

