

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
 Data File : BP019451.D
 Acq On : 26 Jan 2024 15:25
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP012624

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024

Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 26 23:49:59 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jan 26 23:43:31 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	87638	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	388671	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	275356	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	633551	20.000	ng	0.00
76) Chrysene-d12	21.410	240	601885	20.000	ng	0.00
86) Perylene-d12	23.839	264	590170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	440632	79.100	ng	0.00
7) Phenol-d6	7.093	99	666481	80.998	ng	0.00
23) Nitrobenzene-d5	9.093	82	726889	84.228	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	302594	84.857	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	1647692	79.311	ng	0.00
79) Terphenyl-d14	19.886	244	3018540	82.224	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	84368	38.391	ng	98
3) Pyridine	3.787	79	253012m	38.800	ng	
4) n-Nitrosodimethylamine	3.717	42	126038	41.737	ng	96
6) Aniline	7.258	93	335856	40.159	ng	99
8) 2-Chlorophenol	7.487	128	238066	40.677	ng	98
9) Benzaldehyde	7.069	77	190792	44.452	ng	98
10) Phenol	7.116	94	332649	40.411	ng	95
11) bis(2-Chloroethyl)ether	7.363	93	262135	40.242	ng	98
12) 1,3-Dichlorobenzene	7.811	146	272358	38.979	ng	97
13) 1,4-Dichlorobenzene	7.958	146	279426	39.596	ng	99
14) 1,2-Dichlorobenzene	8.275	146	270780	39.461	ng	100
15) Benzyl Alcohol	8.169	79	291999	41.557	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	360415m	39.729	ng	
17) 2-Methylphenol	8.369	107	226078	40.046	ng	98
18) Hexachloroethane	8.999	117	115534	40.913	ng	97
19) n-Nitroso-di-n-propyla...	8.746	70	260914	41.047	ng	99
20) 3+4-Methylphenols	8.705	107	320300	41.029	ng	98
22) Acetophenone	8.758	105	460670	39.214	ng	99
24) Nitrobenzene	9.140	77	373330	41.325	ng	98
25) Isophorone	9.657	82	724733	39.108	ng	99
26) 2-Nitrophenol	9.846	139	126913	43.398	ng	99
27) 2,4-Dimethylphenol	9.905	122	185464	40.029	ng	99
28) bis(2-Chloroethoxy)met...	10.152	93	388186	39.037	ng	99
29) 2,4-Dichlorophenol	10.369	162	261056	41.215	ng	97
30) 1,2,4-Trichlorobenzene	10.587	180	296090	39.365	ng	98
31) Naphthalene	10.775	128	847436	38.848	ng	100
32) Benzoic acid	10.057	122	178252	41.304	ng	92
33) 4-Chloroaniline	10.893	127	342391	38.822	ng	98
34) Hexachlorobutadiene	11.052	225	209383	39.679	ng	98
35) Caprolactam	11.687	113	99691	39.913	ng	95
36) 4-Chloro-3-methylphenol	12.016	107	349784	41.245	ng	100
37) 2-Methylnaphthalene	12.387	142	618647	39.286	ng	99
38) 1-Methylnaphthalene	12.604	142	616836	39.502	ng	100
40) 1,2,4,5-Tetrachloroben...	12.746	216	360972	40.235	ng	99
41) Hexachlorocyclopentadiene	12.722	237	153808	40.298	ng	98
43) 2,4,6-Trichlorophenol	12.993	196	235237	42.189	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	266919	42.754	ng	96
46) 1,1'-Biphenyl	13.398	154	835912	39.698	ng	99
47) 2-Chloronaphthalene	13.434	162	676376	39.786	ng	99
48) 2-Nitroaniline	13.646	65	232412	40.412	ng	99
49) Acenaphthylene	14.281	152	1016230	39.398	ng	100
50) Dimethylphthalate	14.034	163	902527	39.652	ng	100
51) 2,6-Dinitrotoluene	14.151	165	197010	40.464	ng	99
52) Acenaphthene	14.622	154	633757	39.659	ng	100
53) 3-Nitroaniline	14.475	138	189020	43.660	ng	99
54) 2,4-Dinitrophenol	14.681	184	89300	44.158	ng	94
55) Dibenzofuran	14.957	168	1035082	39.680	ng	98
56) 4-Nitrophenol	14.775	139	159921	42.475	ng	97
57) 2,4-Dinitrotoluene	14.934	165	272483	40.714	ng	95
58) Fluorene	15.610	166	857056	39.511	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.181	232	230755	42.154	ng	98
60) Diethylphthalate	15.398	149	961116	39.542	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	458808	39.636	ng	99
62) 4-Nitroaniline	15.640	138	208444	43.172	ng	97
63) Azobenzene	15.904	77	962212	39.287	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	133844	41.891	ng	100
66) n-Nitrosodiphenylamine	15.828	169	742718	40.255	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	290683	40.810	ng	100
68) Hexachlorobenzene	16.604	284	326265	40.235	ng	100
69) Atrazine	16.792	200	272466	39.346	ng	99
70) Pentachlorophenol	16.957	266	218994	44.158	ng	99
71) Phenanthrene	17.357	178	1332925	39.524	ng	100
72) Anthracene	17.451	178	1338963	39.620	ng	99
73) Carbazole	17.722	167	1287737	39.379	ng	100
74) Di-n-butylphthalate	18.292	149	1683747	40.395	ng	100
75) Fluoranthene	19.328	202	1728590	39.431	ng	99
77) Benzidine	19.510	184	427745	42.783	ng	98
78) Pyrene	19.680	202	1760872	40.468	ng	99
80) Butylbenzylphthalate	20.575	149	753179	42.586	ng	100
81) Benzo(a)anthracene	21.398	228	1694125	39.243	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	567167	38.815	ng	100
83) Chrysene	21.451	228	1590325	39.239	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	1108986	40.529	ng	99
85) Di-n-octyl phthalate	22.298	149	1832267	39.838	ng	100
87) Indeno(1,2,3-cd)pyrene	26.380	276	1405262	36.336	ng	100
88) Benzo(b)fluoranthene	23.104	252	1609279	40.744	ng	99
89) Benzo(k)fluoranthene	23.157	252	1528090	40.679	ng	99
90) Benzo(a)pyrene	23.733	252	1349092	39.950	ng	100
91) Dibenzo(a,h)anthracene	26.415	278	1171018	36.357	ng	100
92) Benzo(g,h,i)perylene	27.162	276	1087350	35.109	ng	99

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

