

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019777.D
 Acq On : 20 Feb 2024 10:10
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/21/2024

Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 20 11:40:44 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	7.904	152	69961	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	259591	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	174936	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	406149	20.000	ng	0.00
76) Chrysene-d12	21.392	240	393739	20.000	ng	0.00
86) Perylene-d12	23.809	264	466304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	327683	75.499	ng	0.00
7) Phenol-d6	7.075	99	439926	75.173	ng	0.00
23) Nitrobenzene-d5	9.075	82	454781	75.913	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	250063	97.903	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1072826	75.814	ng	0.00
79) Terphenyl-d14	19.863	244	1929871	80.606	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	59877	35.807	ng	99
3) Pyridine	3.787	79	164965	36.387	ng	99
4) n-Nitrosodimethylamine	3.705	42	71836	36.395	ng	98
6) Aniline	7.234	93	212132	37.305	ng	98
8) 2-Chlorophenol	7.463	128	168427	37.798	ng	100
9) Benzaldehyde	7.051	77	176117	42.924	ng	100
10) Phenol	7.104	94	217340	37.262	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	165162	36.396	ng	99
12) 1,3-Dichlorobenzene	7.787	146	206113	37.802	ng	97
13) 1,4-Dichlorobenzene	7.940	146	213401	38.631	ng	99
14) 1,2-Dichlorobenzene	8.251	146	201766	37.750	ng	99
15) Benzyl Alcohol	8.151	79	171968	36.777	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	158651m	34.962	ng	
17) 2-Methylphenol	8.351	107	147150	37.473	ng	97
18) Hexachloroethane	8.969	117	80417	37.557	ng	96
19) n-Nitroso-di-n-propyla...	8.716	70	144062	36.040	ng	97
20) 3+4-Methylphenols	8.681	107	200611	37.433	ng	96
22) Acetophenone	8.734	105	273460	36.977	ng	# 97
24) Nitrobenzene	9.116	77	224505	37.220	ng	99
25) Isophorone	9.640	82	399738	38.313	ng	99
26) 2-Nitrophenol	9.822	139	96850	42.111	ng	98
27) 2,4-Dimethylphenol	9.881	122	112387	38.216	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	219101	37.116	ng	100
29) 2,4-Dichlorophenol	10.357	162	178260	40.098	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	217604	39.921	ng	100
31) Naphthalene	10.751	128	547827	38.478	ng	100
32) Benzoic acid	10.040	122	127893	44.635	ng	93
33) 4-Chloroaniline	10.875	127	203631	38.675	ng	99
34) Hexachlorobutadiene	11.022	225	164670	40.767	ng	98
35) Caprolactam	11.687	113	56373	44.793	ng	98
36) 4-Chloro-3-methylphenol	11.998	107	199875	41.234	ng	99
37) 2-Methylnaphthalene	12.363	142	385713	39.147	ng	99
38) 1-Methylnaphthalene	12.581	142	381064	39.356	ng	98
40) 1,2,4,5-Tetrachloroben...	12.728	216	262360	38.887	ng	98
41) Hexachlorocyclopentadiene	12.692	237	98613	32.356	ng	97
43) 2,4,6-Trichlorophenol	12.975	196	165308	40.465	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	185403	41.330	ng	98
46) 1,1'-Biphenyl	13.375	154	510632	36.572	ng	99
47) 2-Chloronaphthalene	13.416	162	423869	36.982	ng	99
48) 2-Nitroaniline	13.634	65	131040	40.888	ng	96
49) Acenaphthylene	14.263	152	619029	38.497	ng	100
50) Dimethylphthalate	14.010	163	538321	40.198	ng	99
51) 2,6-Dinitrotoluene	14.133	165	124348	42.262	ng	95
52) Acenaphthene	14.604	154	382608	38.337	ng	98
53) 3-Nitroaniline	14.463	138	111539	41.250	ng	97
54) 2,4-Dinitrophenol	14.675	184	67645	44.280	ng	98
55) Dibenzofuran	14.939	168	634179	39.016	ng	98
56) 4-Nitrophenol	14.781	139	93487	42.182	ng	98
57) 2,4-Dinitrotoluene	14.922	165	175090	45.411	ng	99
58) Fluorene	15.592	166	523645	40.447	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	171327	45.405	ng	95
60) Diethylphthalate	15.375	149	545267	40.935	ng	98
61) 4-Chlorophenyl-phenyle...	15.586	204	297784	40.924	ng	95
62) 4-Nitroaniline	15.628	138	123438	43.552	ng	97
63) Azobenzene	15.880	77	486612	37.778	ng	98
65) 4,6-Dinitro-2-methylph...	15.686	198	105000	45.339	ng	95
66) n-Nitrosodiphenylamine	15.810	169	446180	36.681	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	199828	39.357	ng	95
68) Hexachlorobenzene	16.592	284	240303	40.529	ng	94
69) Atrazine	16.769	200	155235	38.459	ng	96
70) Pentachlorophenol	16.945	266	160987	43.600	ng	98
71) Phenanthrene	17.339	178	820402	38.383	ng	98
72) Anthracene	17.433	178	829299	38.894	ng	100
73) Carbazole	17.710	167	775894	40.056	ng	99
74) Di-n-butylphthalate	18.263	149	911073	38.900	ng	99
75) Fluoranthene	19.310	202	1057668	40.507	ng	99
77) Benzidine	19.498	184	241692	29.361	ng	99
78) Pyrene	19.663	202	1078272	38.803	ng	99
80) Butylbenzylphthalate	20.545	149	393184	37.888	ng	97
81) Benzo(a)anthracene	21.374	228	1056714	38.126	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	389459	38.561	ng	100
83) Chrysene	21.427	228	997517	37.908	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	557469	35.278	ng	99
85) Di-n-octyl phthalate	22.251	149	958259	34.466	ng	99
87) Indeno(1,2,3-cd)pyrene	26.356	276	1302118	36.480	ng	98
88) Benzo(b)fluoranthene	23.074	252	1134851	38.615	ng	99
89) Benzo(k)fluoranthene	23.127	252	1039156	37.016	ng	99
90) Benzo(a)pyrene	23.709	252	985577	37.690	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1080360	36.801	ng	97
92) Benzo(g,h,i)perylene	27.133	276	1090011	36.599	ng	98

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

