

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042513.D
 Acq On : 31 Oct 2023 16:31
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023

Quant Time: Nov 01 01:43:42 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 31 02:55:18 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	94477	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	381093	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	228491	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	472148	20.000	ng	0.00
76) Chrysene-d12	21.503	240	420687	20.000	ng	0.00
86) Perylene-d12	23.921	264	436170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	459934	78.567	ng	0.00
7) Phenol-d6	7.092	99	653697	81.421	ng	0.00
23) Nitrobenzene-d5	9.128	82	723214	88.466	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	256494	85.981	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1510357	88.946	ng	0.00
79) Terphenyl-d14	19.939	244	2345066	94.519	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	101848	36.506	ng	96
3) Pyridine	3.746	79	303551	37.929	ng	98
4) n-Nitrosodimethylamine	3.669	42	160595	41.698	ng	92
6) Aniline	7.269	93	407543	39.934	ng	98
8) 2-Chlorophenol	7.481	128	248680	39.396	ng	98
9) Benzaldehyde	7.087	77	190023	41.067	ng	98
10) Phenol	7.122	94	324752	39.828	ng	98
11) bis(2-Chloroethyl)ether	7.363	93	270307	39.186	ng	97
12) 1,3-Dichlorobenzene	7.804	146	267905	39.271	ng	98
13) 1,4-Dichlorobenzene	7.963	146	268422	38.878	ng	98
14) 1,2-Dichlorobenzene	8.269	146	260651	39.102	ng	97
15) Benzyl Alcohol	8.192	79	242262	42.623	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	436650m	39.777	ng	
17) 2-Methylphenol	8.375	107	232499	40.270	ng	97
18) Hexachloroethane	8.986	117	110346	40.846	ng	96
19) n-Nitroso-di-n-propyla...	8.745	70	242426	42.684	ng	96
20) 3+4-Methylphenols	8.710	107	319475	41.388	ng	98
22) Acetophenone	8.781	105	409864	42.644	ng	# 99
24) Nitrobenzene	9.169	77	346074	42.980	ng	100
25) Isophorone	9.686	82	627785	43.386	ng	99
26) 2-Nitrophenol	9.869	139	138387	40.971	ng	97
27) 2,4-Dimethylphenol	9.910	122	235504	42.544	ng	96
28) bis(2-Chloroethoxy)met...	10.169	93	371009	42.560	ng	100
29) 2,4-Dichlorophenol	10.392	162	242387	44.254	ng	98
30) 1,2,4-Trichlorobenzene	10.592	180	258296	43.031	ng	100
31) Naphthalene	10.792	128	820586	41.677	ng	99
32) Benzoic acid	10.075	122	175080	39.668	ng	96
33) 4-Chloroaniline	10.933	127	333710	43.468	ng	98
34) Hexachlorobutadiene	11.016	225	164677	45.186	ng	98
35) Caprolactam	11.792	113	75080	39.015	ng	98
36) 4-Chloro-3-methylphenol	12.039	107	266069	42.685	ng	99
37) 2-Methylnaphthalene	12.398	142	586886	42.324	ng	98
38) 1-Methylnaphthalene	12.621	142	549971	42.137	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	303687	44.489	ng	100
41) Hexachlorocyclopentadiene	12.692	237	162789	42.846	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	195599	44.738	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	227097	43.650	ng	98
46) 1,1'-Biphenyl	13.410	154	748778	42.870	ng	99
47) 2-Chloronaphthalene	13.457	162	542608	42.347	ng	100
48) 2-Nitroaniline	13.698	65	198899	39.348	ng	99
49) Acenaphthylene	14.304	152	898564	42.343	ng	99
50) Dimethylphthalate	14.045	163	714034	41.811	ng	99
51) 2,6-Dinitrotoluene	14.186	165	148754	42.264	ng	97
52) Acenaphthene	14.639	154	535826	41.605	ng	100
53) 3-Nitroaniline	14.527	138	146855	38.186	ng	99
54) 2,4-Dinitrophenol	14.727	184	85727	38.748	ng	95
55) Dibenzofuran	14.974	168	887298	42.374	ng	99
56) 4-Nitrophenol	14.827	139	104260	36.719	ng	97
57) 2,4-Dinitrotoluene	14.968	165	203357	38.945	ng	98
58) Fluorene	15.621	166	714899	42.196	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	187473	42.781	ng	99
60) Diethylphthalate	15.392	149	721450	41.699	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	379251	44.308	ng	95
62) 4-Nitroaniline	15.692	138	129973	38.199	ng	91
63) Azobenzene	15.910	77	826535	43.352	ng	98
65) 4,6-Dinitro-2-methylph...	15.715	198	123178	41.484	ng	94
66) n-Nitrosodiphenylamine	15.839	169	593131	44.553	ng	98
67) 4-Bromophenyl-phenylether	16.509	248	217591	46.088	ng	98
68) Hexachlorobenzene	16.592	284	232794	44.571	ng	98
69) Atrazine	16.792	200	163098	42.399	ng	99
70) Pentachlorophenol	16.956	266	165456	43.089	ng	99
71) Phenanthrene	17.368	178	1038672	42.096	ng	99
72) Anthracene	17.456	178	1057997	43.291	ng	100
73) Carbazole	17.745	167	892226	44.876	ng	100
74) Di-n-butylphthalate	18.268	149	1233432	44.177	ng	99
75) Fluoranthene	19.380	202	1213892	41.882	ng	99
77) Benzidine	19.592	184	215865	53.494	ng	100
78) Pyrene	19.745	202	1271221	44.006	ng	99
80) Butylbenzylphthalate	20.627	149	552739	44.800	ng	97
81) Benzo(a)anthracene	21.491	228	1145240	42.787	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	379485	44.610	ng	99
83) Chrysene	21.544	228	1121979	41.266	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	817529	43.844	ng	100
85) Di-n-octyl phthalate	22.303	149	1368228	42.630	ng	99
87) Indeno(1,2,3-cd)pyrene	26.450	276	1100493	42.392	ng	98
88) Benzo(b)fluoranthene	23.180	252	1025141	42.187	ng	99
89) Benzo(k)fluoranthene	23.227	252	1098770	40.579	ng	99
90) Benzo(a)pyrene	23.815	252	994388	41.565	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	892557	38.171	ng	98
92) Benzo(g,h,i)perylene	27.244	276	949847	41.515	ng	98

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

