

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042496.D
 Acq On : 30 Oct 2023 16:23
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

ICVBM103023

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 31 03:02:57 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	83692	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	348596	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	214244	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	463127	20.000	ng	0.00
76) Chrysene-d12	21.509	240	443902	20.000	ng	0.00
86) Perylene-d12	23.933	264	458727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	419161	80.829	ng	0.00
7) Phenol-d6	7.087	99	586131	82.414	ng	-0.01
23) Nitrobenzene-d5	9.122	82	630314	84.290	ng	-0.01
42) 2,4,6-Tribromophenol	16.074	330	234025	83.666	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1321592	83.005	ng	0.00
79) Terphenyl-d14	19.945	244	2315183	88.435	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	98701	39.938	ng	99
3) Pyridine	3.752	79	282353	39.827	ng	99
4) n-Nitrosodimethylamine	3.663	42	138877	40.705	ng	93
6) Aniline	7.269	93	366039	40.490	ng	99
8) 2-Chlorophenol	7.481	128	227508	40.687	ng	98
9) Benzaldehyde	7.087	77	165797	40.449	ng	99
10) Phenol	7.116	94	295401	40.897	ng	99
11) bis(2-Chloroethyl)ether	7.363	93	244813	40.063	ng	99
12) 1,3-Dichlorobenzene	7.798	146	242087	40.059	ng	99
13) 1,4-Dichlorobenzene	7.957	146	241849	39.543	ng	97
14) 1,2-Dichlorobenzene	8.269	146	235656	39.908	ng	98
15) Benzyl Alcohol	8.187	79	211524	42.010	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	385067m	39.599	ng	
17) 2-Methylphenol	8.375	107	210408	41.140	ng	99
18) Hexachloroethane	8.981	117	97323	40.668	ng	99
19) n-Nitroso-di-n-propyla...	8.745	70	214032	42.541	ng	99
20) 3+4-Methylphenols	8.710	107	284508	41.608	ng	97
22) Acetophenone	8.775	105	366101	41.641	ng	100
24) Nitrobenzene	9.169	77	306261	41.581	ng	97
25) Isophorone	9.686	82	557712	42.137	ng	99
26) 2-Nitrophenol	9.869	139	122690	39.818	ng	96
27) 2,4-Dimethylphenol	9.910	122	214928m	42.447	ng	
28) bis(2-Chloroethoxy)met...	10.163	93	334385	41.934	ng	99
29) 2,4-Dichlorophenol	10.386	162	214365	42.786	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	225581	41.085	ng	99
31) Naphthalene	10.792	128	740284	41.103	ng	99
32) Benzoic acid	10.069	122	162936	40.286	ng	97
33) 4-Chloroaniline	10.933	127	304324	43.335	ng	98
34) Hexachlorobutadiene	11.016	225	139050	41.711	ng	99
35) Caprolactam	11.798	113	74437	42.286	ng	97
36) 4-Chloro-3-methylphenol	12.039	107	247618	43.428	ng	99
37) 2-Methylnaphthalene	12.398	142	534194	42.115	ng	99
38) 1-Methylnaphthalene	12.622	142	501988	42.046	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	266681	41.666	ng	99
41) Hexachlorocyclopentadiene	12.692	237	141188	40.089	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	175617	42.839	ng	96

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44) 2,4,5-Trichlorophenol	13.080	196	209271	42.898	ng	98
46) 1,1'-Biphenyl	13.410	154	682456	41.671	ng	99
47) 2-Chloronaphthalene	13.457	162	496015	41.285	ng	99
48) 2-Nitroaniline	13.704	65	187647	39.564	ng	93
49) Acenaphthylene	14.304	152	841176	42.275	ng	100
50) Dimethylphthalate	14.045	163	670193	41.854	ng	99
51) 2,6-Dinitrotoluene	14.192	165	142731	43.250	ng	97
52) Acenaphthene	14.639	154	501919	41.563	ng	99
53) 3-Nitroaniline	14.533	138	141855	39.207	ng	99
54) 2,4-Dinitrophenol	14.733	184	84709	40.417	ng	96
55) Dibenzofuran	14.974	168	831464	42.348	ng	99
56) 4-Nitrophenol	14.827	139	112011	41.058	ng	96
57) 2,4-Dinitrotoluene	14.974	165	195474	39.824	ng	95
58) Fluorene	15.621	166	665719	41.906	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.198	232	175335	42.672	ng	100
60) Diethylphthalate	15.392	149	683422	42.128	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	335719	41.831	ng	100
62) 4-Nitroaniline	15.698	138	128844	40.057	ng	95
63) Azobenzene	15.910	77	770734	43.114	ng	99
65) 4,6-Dinitro-2-methylph...	15.721	198	120476	41.381	ng	96
66) n-Nitrosodiphenylamine	15.839	169	566405	43.374	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	204463	44.151	ng	96
68) Hexachlorobenzene	16.592	284	219406	42.826	ng	99
69) Atrazine	16.792	200	158630	42.040	ng	99
70) Pentachlorophenol	16.957	266	163028	43.284	ng	98
71) Phenanthrene	17.368	178	1041156	43.018	ng	100
72) Anthracene	17.462	178	1052390	43.900	ng	100
73) Carbazole	17.751	167	905322	46.422	ng	100
74) Di-n-butylphthalate	18.274	149	1207732	44.100	ng	99
75) Fluoranthene	19.386	202	1240903	43.647	ng	99
77) Benzidine	19.603	184	228582	53.683	ng	99
78) Pyrene	19.750	202	1322386	43.384	ng	100
80) Butylbenzylphthalate	20.633	149	560163	43.028	ng	97
81) Benzo(a)anthracene	21.492	228	1188870	42.094	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	386424	43.050	ng	99
83) Chrysene	21.550	228	1167194	40.684	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	817164	41.532	ng	99
85) Di-n-octyl phthalate	22.309	149	1392712	41.124	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	1167984	42.780	ng	98
88) Benzo(b)fluoranthene	23.186	252	1038783	40.646	ng	99
89) Benzo(k)fluoranthene	23.238	252	1159324	40.710	ng	99
90) Benzo(a)pyrene	23.827	252	1003614	39.888	ng	99
91) Dibenzo(a,h)anthracene	26.485	278	932211	37.935	ng	98
92) Benzo(g,h,i)perylene	27.262	276	1005420	41.783	ng	99

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

