

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141692.D
 Acq On : 19 Feb 2025 23:36
 Operator : RC/JU
 Sample : Q1383-09MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-15-021725MSD

Quant Time: Feb 20 00:17:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	92518	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	366969	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	197029	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	324047	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	182126	20.000	ng	-0.02
86) Perylene-d12	15.380	264	184442	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	482935	81.835	ng	0.00
7) Phenol-d6	6.422	99	599239	80.340	ng	-0.02
23) Nitrobenzene-d5	7.346	82	383045	54.443	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	163279	82.496	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	757166	59.206	ng	-0.02
79) Terphenyl-d14	12.880	244	746397	69.185	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	98323	41.396	ng	98
3) Pyridine	3.287	79	223994	39.631	ng	96
4) n-Nitrosodimethylamine	3.240	42	134812	36.022	ng	90
6) Aniline	6.446	93	202029	28.875	ng	89
8) 2-Chlorophenol	6.569	128	266578	41.805	ng	100
9) Benzaldehyde	6.334	77	114851	28.976	ng	97
10) Phenol	6.440	94	320456	41.279	ng	91
11) bis(2-Chloroethyl)ether	6.516	93	248407	42.601	ng	99
12) 1,3-Dichlorobenzene	6.722	146	276012	41.000	ng	98
13) 1,4-Dichlorobenzene	6.798	146	280350	40.760	ng	99
14) 1,2-Dichlorobenzene	6.951	146	272235	42.645	ng	98
15) Benzyl Alcohol	6.928	79	217510	38.028	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	383738	38.445	ng	80
17) 2-Methylphenol	7.046	107	207532	41.589	ng	97
18) Hexachloroethane	7.293	117	105367	41.393	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	180218	40.393	ng	94
20) 3+4-Methylphenols	7.198	107	266930	42.091	ng	95
22) Acetophenone	7.193	105	401643	43.999	ng	94
24) Nitrobenzene	7.363	77	274339	39.987	ng	99
25) Isophorone	7.604	82	479529	42.746	ng	98
26) 2-Nitrophenol	7.681	139	142298	41.689	ng	95
27) 2,4-Dimethylphenol	7.722	122	209060	52.429	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	300963	41.868	ng	99
29) 2,4-Dichlorophenol	7.928	162	222878	41.368	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	236959	40.389	ng	99
31) Naphthalene	8.087	128	762787	39.932	ng	100
32) Benzoic acid	7.863	122	141292	34.113	ng	97
33) 4-Chloroaniline	8.145	127	55428	8.311	ng	98
34) Hexachlorobutadiene	8.198	225	146983	41.731	ng	99
35) Caprolactam	8.510	113	77310m	47.129	ng	
36) 4-Chloro-3-methylphenol	8.634	107	234396	39.276	ng	98
37) 2-Methylnaphthalene	8.775	142	480748	38.675	ng	100
38) 1-Methylnaphthalene	8.875	142	471566	39.169	ng	99
40) 1,2,4,5-Tetrachloroben...	8.940	216	264210	46.350	ng	99
41) Hexachlorocyclopentadiene	8.928	237	236493	124.735	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	152030	41.266	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141692.D
 Acq On : 19 Feb 2025 23:36
 Operator : RC/JU
 Sample : Q1383-09MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-15-021725MSD

Quant Time: Feb 20 00:17:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	162026	40.580	ng	98
46) 1,1'-Biphenyl	9.239	154	696564	45.601	ng	100
47) 2-Chloronaphthalene	9.263	162	473246	41.896	ng	99
48) 2-Nitroaniline	9.363	65	151507	39.967	ng	97
49) Acenaphthylene	9.675	152	727750	43.316	ng	99
50) Dimethylphthalate	9.539	163	558426	41.749	ng	99
51) 2,6-Dinitrotoluene	9.604	165	123354	42.186	ng	98
52) Acenaphthene	9.851	154	453211	40.125	ng	99
53) 3-Nitroaniline	9.775	138	65330	20.758	ng	99
54) 2,4-Dinitrophenol	9.892	184	113421	65.266	ng	89
55) Dibenzofuran	10.022	168	657047	39.631	ng	99
56) 4-Nitrophenol	9.957	139	172225	73.719	ng	92
57) 2,4-Dinitrotoluene	10.010	165	165457	42.505	ng	100
58) Fluorene	10.363	166	520245	40.584	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	135825	39.512	ng	96
60) Diethylphthalate	10.239	149	534039	40.580	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	254861	41.326	ng	98
62) 4-Nitroaniline	10.392	138	120000	37.551	ng	97
63) Azobenzene	10.516	77	537934	41.117	ng	95
65) 4,6-Dinitro-2-methylph...	10.422	198	82626	36.706	ng	91
66) n-Nitrosodiphenylamine	10.475	169	452194	43.593	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	158474	43.757	ng	99
68) Hexachlorobenzene	10.910	284	164312	44.060	ng	99
69) Atrazine	11.004	200	170819	54.892	ng	99
70) Pentachlorophenol	11.110	266	152772	64.066	ng	98
71) Phenanthrene	11.328	178	759629	42.586	ng	100
72) Anthracene	11.381	178	777263	43.348	ng	100
73) Carbazole	11.533	167	648416	40.189	ng	99
74) Di-n-butylphthalate	11.863	149	802925	43.100	ng	100
75) Fluoranthene	12.510	202	712981	37.702	ng	100
77) Benzidine	12.639	184	252977	62.982	ng	99
78) Pyrene	12.739	202	709190	45.743	ng	99
80) Butylbenzylphthalate	13.357	149	269709	50.224	ng	99
81) Benzo(a)anthracene	13.927	228	507165	41.892	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	107206	30.913	ng	99
83) Chrysene	13.963	228	476035	42.585	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	334366	55.207	ng	99
85) Di-n-octyl phthalate	14.527	149	499782	57.843	ng	97
87) Indeno(1,2,3-cd)pyrene	16.815	276	569511	49.972	ng	99
88) Benzo(b)fluoranthene	14.963	252	453916	36.652	ng	99
89) Benzo(k)fluoranthene	14.992	252	459485	43.450	ng	99
90) Benzo(a)pyrene	15.321	252	448930	44.799	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	463816	50.227	ng	100
92) Benzo(g,h,i)perylene	17.245	276	445339	46.085	ng	100

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

