

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136526.D
 Acq On : 12 Dec 2023 20:31
 Operator : CG\JU
 Sample : 05726-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 23:20:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	91881	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	343289	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	157512	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	260749	20.000	ng	0.00
76) Chrysene-d12	13.980	240	217430	20.000	ng	0.00
86) Perylene-d12	15.456	264	227507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	544687	87.549	ng	0.01
7) Phenol-d6	6.445	99	644333	83.008	ng	0.00
23) Nitrobenzene-d5	7.357	82	390959	61.567	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	157876	81.290	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	736283	63.783	ng	-0.01
79) Terphenyl-d14	12.915	244	702012	42.555	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	102430	41.625	ng	98
3) Pyridine	3.381	79	239688	40.221	ng	94
4) n-Nitrosodimethylamine	3.351	42	110495	42.677	ng	100
6) Aniline	6.463	93	188645	24.047	ng	# 87
8) 2-Chlorophenol	6.586	128	281075	41.383	ng	98
9) Benzaldehyde	6.351	77	95925	21.843	ng	96
10) Phenol	6.457	94	327196	39.613	ng	96
11) bis(2-Chloroethyl)ether	6.539	93	246889	40.101	ng	95
12) 1,3-Dichlorobenzene	6.739	146	304539	39.870	ng	99
13) 1,4-Dichlorobenzene	6.816	146	311107	40.151	ng	99
14) 1,2-Dichlorobenzene	6.963	146	291203	39.966	ng	100
15) Benzyl Alcohol	6.939	79	215368	41.434	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	292561	36.947	ng	96
17) 2-Methylphenol	7.057	107	215896	39.345	ng	97
18) Hexachloroethane	7.304	117	100990	37.331	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	167184	37.337	ng	99
20) 3+4-Methylphenols	7.210	107	260003	38.174	ng	89
22) Acetophenone	7.204	105	374234	44.146	ng	# 98
24) Nitrobenzene	7.380	77	259978	40.698	ng	94
25) Isophorone	7.616	82	458745	40.210	ng	99
26) 2-Nitrophenol	7.692	139	137013	43.628	ng	96
27) 2,4-Dimethylphenol	7.733	122	200705	51.830	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	292565	41.733	ng	97
29) 2,4-Dichlorophenol	7.933	162	214322	41.931	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	243684	40.886	ng	96
31) Naphthalene	8.098	128	774911	40.933	ng	99
32) Benzoic acid	7.851	122	136636	35.569	ng	97
33) 4-Chloroaniline	8.145	127	72060	10.677	ng	98
34) Hexachlorobutadiene	8.210	225	140379	39.742	ng	98
35) Caprolactam	8.516	113	64372m	40.896	ng	
36) 4-Chloro-3-methylphenol	8.639	107	216571	39.905	ng	98
37) 2-Methylnaphthalene	8.786	142	472861	39.262	ng	94
38) 1-Methylnaphthalene	8.886	142	454507	38.458	ng	96
40) 1,2,4,5-Tetrachloroben...	8.951	216	234686	47.891	ng	98
41) Hexachlorocyclopentadiene	8.939	237	87756	48.338	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	141137	44.233	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	152736	42.888	ng	97
46) 1,1'-Biphenyl	9.251	154	606545	45.256	ng	98
47) 2-Chloronaphthalene	9.274	162	445150	42.673	ng	96
48) 2-Nitroaniline	9.374	65	121385	43.386	ng	94
49) Acenaphthylene	9.692	152	690781	46.486	ng	98
50) Dimethylphthalate	9.557	163	501307	43.229	ng	98
51) 2,6-Dinitrotoluene	9.622	165	108646	41.644	ng	89
52) Acenaphthene	9.863	154	400323	42.040	ng	97
53) 3-Nitroaniline	9.786	138	67714	25.417	ng	96
54) 2,4-Dinitrophenol	9.898	184	37541	28.460	ng	98
55) Dibenzofuran	10.039	168	587583	42.238	ng	99
56) 4-Nitrophenol	9.963	139	162122	81.176	ng	94
57) 2,4-Dinitrotoluene	10.027	165	139127	40.312	ng	93
58) Fluorene	10.380	166	453074	40.573	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	112807	39.545	ng	99
60) Diethylphthalate	10.257	149	462860	40.590	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	221498	40.688	ng	98
62) 4-Nitroaniline	10.404	138	89911	33.988	ng	97
63) Azobenzene	10.533	77	397684	38.315	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	31284	19.373	ng	85
66) n-Nitrosodiphenylamine	10.498	169	392405	46.900	ng	98
67) 4-Bromophenyl-phenylether	10.868	248	134344	44.314	ng	99
68) Hexachlorobenzene	10.927	284	149353	42.625	ng	99
69) Atrazine	11.027	200	127089	53.219	ng	98
70) Pentachlorophenol	11.127	266	153717	77.732	ng	98
71) Phenanthrene	11.345	178	668440	46.640	ng	99
72) Anthracene	11.398	178	636334	44.082	ng	98
73) Carbazole	11.557	167	556507	43.557	ng	99
74) Di-n-butylphthalate	11.892	149	662380	42.290	ng	100
75) Fluoranthene	12.539	202	745332	49.626	ng	97
77) Benzidine	12.668	184	323609	53.222	ng	98
78) Pyrene	12.774	202	767857	36.059	ng	98
80) Butylbenzylphthalate	13.398	149	271170	35.773	ng	98
81) Benzo(a)anthracene	13.968	228	721721	47.653	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	223822	52.708	ng	99
83) Chrysene	14.004	228	688077	46.177	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	372366	40.070	ng	98
85) Di-n-octyl phthalate	14.580	149	704496	51.324	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	521157	32.973	ng	98
88) Benzo(b)fluoranthene	15.027	252	720930	46.346	ng	99
89) Benzo(k)fluoranthene	15.056	252	647291	44.155	ng	99
90) Benzo(a)pyrene	15.398	252	592535	46.125	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	423385	32.698	ng	98
92) Benzo(g,h,i)perylene	17.415	276	387224	29.136	ng	100

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

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