

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136294.D
 Acq On : 29 Nov 2023 20:50
 Operator : CG\JU
 Sample : 05311-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Quant Time: Nov 29 23:49:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	125250	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	494723	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	217872	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	325723	20.000	ng	0.00
76) Chrysene-d12	13.986	240	232241	20.000	ng	0.00
86) Perylene-d12	15.468	264	256139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	751251	83.483	ng	0.00
7) Phenol-d6	6.446	99	913924	81.225	ng	0.00
23) Nitrobenzene-d5	7.369	82	567750	60.644	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	207235	77.801	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1031210	60.456	ng	0.00
79) Terphenyl-d14	12.927	244	862654	42.846	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	137761	40.459	ng	98
3) Pyridine	3.410	79	330026	39.265	ng	94
4) n-Nitrosodimethylamine	3.375	42	171663	40.404	ng	88
6) Aniline	6.469	93	259176	24.370	ng	99
8) 2-Chlorophenol	6.593	128	421061	42.973	ng	93
9) Benzaldehyde	6.357	77	61072	9.738	ng	96
10) Phenol	6.457	94	510809	42.316	ng	95
11) bis(2-Chloroethyl)ether	6.546	93	382986	43.248	ng	99
12) 1,3-Dichlorobenzene	6.746	146	462196	41.566	ng	98
13) 1,4-Dichlorobenzene	6.822	146	472488	41.799	ng	98
14) 1,2-Dichlorobenzene	6.975	146	444181	41.507	ng	98
15) Benzyl Alcohol	6.951	79	331885	42.070	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	522376	42.468	ng	99
17) 2-Methylphenol	7.063	107	329295	42.748	ng	98
18) Hexachloroethane	7.316	117	161237	40.665	ng	90
19) n-Nitroso-di-n-propyla...	7.222	70	285438	42.416	ng	96
20) 3+4-Methylphenols	7.210	107	407507	40.704	ng	96
22) Acetophenone	7.216	105	594167	45.730	ng	# 93
24) Nitrobenzene	7.387	77	408598	43.067	ng	98
25) Isophorone	7.622	82	760738	45.064	ng	99
26) 2-Nitrophenol	7.698	139	206462	51.075	ng	98
27) 2,4-Dimethylphenol	7.740	122	289106	54.337	ng	97
28) bis(2-Chloroethoxy)met...	7.840	93	469091	45.940	ng	97
29) 2,4-Dichlorophenol	7.940	162	327027	45.569	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	388488	44.215	ng	99
31) Naphthalene	8.104	128	1230160	44.239	ng	98
32) Benzoic acid	7.857	122	210568m	43.425	ng	
33) 4-Chloroaniline	8.151	127	72880	7.710	ng	97
34) Hexachlorobutadiene	8.222	225	221586	43.107	ng	99
35) Caprolactam	8.528	113	86538m	43.135	ng	
36) 4-Chloro-3-methylphenol	8.640	107	321326	41.283	ng	96
37) 2-Methylnaphthalene	8.798	142	737064	42.255	ng	99
38) 1-Methylnaphthalene	8.898	142	705227	41.444	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	359692	51.875	ng	97
41) Hexachlorocyclopentadiene	8.951	237	293896	110.155	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	215792	47.948	ng	92

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44) 2,4,5-Trichlorophenol	9.116	196	222870	45.378	ng	98
46) 1,1'-Biphenyl	9.263	154	947800	49.331	ng	98
47) 2-Chloronaphthalene	9.287	162	701615	47.023	ng	99
48) 2-Nitroaniline	9.387	65	179590	46.102	ng	# 82
49) Acenaphthylene	9.704	152	1069011	50.206	ng	100
50) Dimethylphthalate	9.569	163	787801	47.841	ng	99
51) 2,6-Dinitrotoluene	9.628	165	154473	45.918	ng	97
52) Acenaphthene	9.875	154	613301	45.579	ng	100
53) 3-Nitroaniline	9.792	138	77514	23.222	ng	99
54) 2,4-Dinitrophenol	9.904	184	124711	79.708	ng	# 88
55) Dibenzofuran	10.045	168	903587	45.128	ng	99
56) 4-Nitrophenol	9.957	139	207903	82.006	ng	94
57) 2,4-Dinitrotoluene	10.034	165	190266	42.341	ng	99
58) Fluorene	10.392	166	669598	42.634	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	164099	41.993	ng	99
60) Diethylphthalate	10.269	149	721869	43.823	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	328217	43.032	ng	99
62) 4-Nitroaniline	10.410	138	118645	36.312	ng	95
63) Azobenzene	10.545	77	631238	41.335	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	80510	45.200	ng	86
66) n-Nitrosodiphenylamine	10.504	169	568653	54.478	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	193041	50.799	ng	97
68) Hexachlorobenzene	10.939	284	213587	48.564	ng	97
69) Atrazine	11.039	200	174756	56.437	ng	98
70) Pentachlorophenol	11.133	266	213576	85.910	ng	96
71) Phenanthrene	11.357	178	889995	48.615	ng	99
72) Anthracene	11.410	178	872973	47.551	ng	99
73) Carbazole	11.563	167	697035	44.641	ng	100
74) Di-n-butylphthalate	11.904	149	959967	49.136	ng	99
75) Fluoranthene	12.551	202	857421	46.136	ng	98
77) Benzidine	12.675	184	137890	36.119	ng	99
78) Pyrene	12.780	202	862007	33.891	ng	98
80) Butylbenzylphthalate	13.410	149	355135	44.864	ng	98
81) Benzo(a)anthracene	13.974	228	811542	47.046	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	165361	39.823	ng	96
83) Chrysene	14.016	228	801267	48.108	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	506327	53.298	ng	99
85) Di-n-octyl phthalate	14.592	149	989216	62.381	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	574153	30.994	ng	98
88) Benzo(b)fluoranthene	15.033	252	808342	44.982	ng	99
89) Benzo(k)fluoranthene	15.063	252	791335	46.365	ng	99
90) Benzo(a)pyrene	15.404	252	662649	45.108	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	470300	31.589	ng	98
92) Benzo(g,h,i)perylene	17.427	276	419623	28.037	ng	98

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

