

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136577.D
 Acq On : 14 Dec 2023 19:51
 Operator : CG\JU
 Sample : 05629-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216MS

Quant Time: Dec 15 00:37:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	102528	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	391564	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	184145	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	307556	20.000	ng	0.00
76) Chrysene-d12	13.968	240	221979	20.000	ng	0.00
86) Perylene-d12	15.445	264	243724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	783728	112.889	ng	0.03
7) Phenol-d6	6.445	99	885936	102.281	ng	0.01
23) Nitrobenzene-d5	7.357	82	611244	84.390	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	269499	118.695	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1222066	90.554	ng	0.00
79) Terphenyl-d14	12.910	244	1087278	64.559	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.740	88	101843	37.089	ng	# 85
3) Pyridine	3.475	79	176542	26.548	ng	93
4) n-Nitrosodimethylamine	3.404	42	116705	40.395	ng	97
6) Aniline	6.457	93	101584	11.605	ng	# 1
8) 2-Chlorophenol	6.581	128	311735	41.131	ng	99
10) Phenol	6.457	94	314010	34.069	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	282613	41.136	ng	96
12) 1,3-Dichlorobenzene	6.734	146	321655	37.738	ng	98
13) 1,4-Dichlorobenzene	6.810	146	333783	38.604	ng	98
14) 1,2-Dichlorobenzene	6.957	146	312014	38.375	ng	98
15) Benzyl Alcohol	6.939	79	234639	40.454	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	332058	37.580	ng	85
17) 2-Methylphenol	7.057	107	236272	38.587	ng	# 93
18) Hexachloroethane	7.298	117	115031	38.106	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	199892	40.006	ng	99
20) 3+4-Methylphenols	7.210	107	293235	38.582	ng	# 65
22) Acetophenone	7.198	105	435861	45.077	ng	# 95
24) Nitrobenzene	7.375	77	298557	40.975	ng	94
25) Isophorone	7.610	82	544380	41.834	ng	99
26) 2-Nitrophenol	7.686	139	162805	45.449	ng	94
27) 2,4-Dimethylphenol	7.734	122	226984	51.389	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	343677	42.980	ng	98
29) 2,4-Dichlorophenol	7.934	162	245332	42.080	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	280996	41.333	ng	97
31) Naphthalene	8.092	128	1233865	57.141	ng	99
32) Benzoic acid	7.857	122	136743	31.208	ng	95
33) 4-Chloroaniline	8.139	127	25122	3.263	ng	94
34) Hexachlorobutadiene	8.204	225	166442	41.311	ng	98
35) Caprolactam	8.510	113	60121m	33.486	ng	
36) 4-Chloro-3-methylphenol	8.639	107	237703	38.399	ng	96
37) 2-Methylnaphthalene	8.781	142	592849	43.156	ng	94
38) 1-Methylnaphthalene	8.881	142	557389	41.349	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	275627	48.111	ng	100
41) Hexachlorocyclopentadiene	8.933	237	229362	108.065	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	166683	44.683	ng	97
44) 2,4,5-Trichlorophenol	9.110	196	172065	41.328	ng	98

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46) 1,1'-Biphenyl	9.245	154	740394	47.253	ng	97
47) 2-Chloronaphthalene	9.269	162	537356	44.062	ng	97
48) 2-Nitroaniline	9.369	65	135483	41.421	ng	98
49) Acenaphthylene	9.686	152	796045	45.822	ng	98
50) Dimethylphthalate	9.551	163	612897	45.208	ng	99
51) 2,6-Dinitrotoluene	9.616	165	133051	43.623	ng	91
52) Acenaphthene	9.857	154	499695	44.886	ng	96
53) 3-Nitroaniline	9.780	138	42061	13.504	ng	97
54) 2,4-Dinitrophenol	9.892	184	94614	61.354	ng	92
55) Dibenzofuran	10.033	168	723723	44.500	ng	99
56) 4-Nitrophenol	9.963	139	163584	70.062	ng	94
57) 2,4-Dinitrotoluene	10.022	165	167293	41.462	ng	97
58) Fluorene	10.375	166	571311	43.762	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	137740	41.302	ng	99
60) Diethylphthalate	10.251	149	561295	42.103	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	270245	42.463	ng	96
62) 4-Nitroaniline	10.398	138	106896	34.565	ng	93
63) Azobenzene	10.527	77	484514	39.929	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	71062	37.308	ng	89
66) n-Nitrosodiphenylamine	10.492	169	459343	46.545	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	164242	45.931	ng	# 90
68) Hexachlorobenzene	10.922	284	185349	44.848	ng	96
69) Atrazine	11.022	200	105525	37.464	ng	97
70) Pentachlorophenol	11.122	266	196247	84.136	ng	98
71) Phenanthrene	11.339	178	799171	47.275	ng	98
72) Anthracene	11.392	178	775148	45.526	ng	98
73) Carbazole	11.551	167	683523	45.357	ng	98
74) Di-n-butylphthalate	11.886	149	837851	45.352	ng	99
75) Fluoranthene	12.533	202	785206	44.324	ng	99
77) Benzidine	12.657	184	80601	22.203	ng	97
78) Pyrene	12.763	202	794725	36.556	ng	98
80) Butylbenzylphthalate	13.392	149	325642	42.078	ng	99
81) Benzo(a)anthracene	13.957	228	686625	44.407	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	122417	28.237	ng	96
83) Chrysene	13.992	228	660433	43.413	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	433240	45.666	ng	98
85) Di-n-octyl phthalate	14.568	149	749179	53.461	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	708684	41.855	ng	99
88) Benzo(b)fluoranthene	15.010	252	720462	43.235	ng	99
89) Benzo(k)fluoranthene	15.045	252	645123	41.079	ng	99
90) Benzo(a)pyrene	15.380	252	613724	44.596	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	591014	42.607	ng	99
92) Benzo(g,h,i)perylene	17.404	276	531708	37.345	ng	99

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

