

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136575.D
 Acq On : 14 Dec 2023 18:48
 Operator : CG\JU
 Sample : 05612-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06IMS

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 00:35:45 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	99202	20.000	ng	0.01
21) Naphthalene-d8	8.092	136	160263	20.000	ng	# 0.02
39) Acenaphthene-d10	9.827	164	173999	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	293286	20.000	ng	0.00
76) Chrysene-d12	13.968	240	214952	20.000	ng	0.00
86) Perylene-d12	15.445	264	256685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	375081	55.839	ng	0.02
7) Phenol-d6	6.445	99	284706	33.971	ng	0.01
23) Nitrobenzene-d5	7.363	82	557785	188.154	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	236191	110.091	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1096587	85.994	ng	0.00
79) Terphenyl-d14	12.910	244	1111248	68.140	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	48363	18.203	ng	97
3) Pyridine	3.346	79	99878	15.523	ng	96
4) n-Nitrosodimethylamine	3.287	42	54959	19.661	ng	97
6) Aniline	6.463	93	177276	20.930	ng	# 75
8) 2-Chlorophenol	6.586	128	253476	34.565	ng	97
9) Benzaldehyde	6.351	77	232203	62.381	ng	# 1
10) Phenol	6.457	94	123964	13.901	ng	# 65
11) bis(2-Chloroethyl)ether	6.539	93	278739	41.933	ng	98
12) 1,3-Dichlorobenzene	6.734	146	274378	33.270	ng	99
13) 1,4-Dichlorobenzene	6.816	146	282739	33.797	ng	98
14) 1,2-Dichlorobenzene	6.998	146	153529m	19.516	ng	
15) Benzyl Alcohol	6.957	79	176503	31.451	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	300373	35.134	ng	96
17) 2-Methylphenol	7.057	107	152181	25.687	ng	94
18) Hexachloroethane	7.298	117	113287	38.787	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	203791m	42.154	ng	
20) 3+4-Methylphenols	7.216	107	186062	25.302	ng	89
22) Acetophenone	7.204	105	468432	118.366	ng	# 95
24) Nitrobenzene	7.375	77	317158	106.349	ng	100
25) Isophorone	7.604	82	69474	13.044	ng	97
26) 2-Nitrophenol	7.704	139	156186	106.530	ng	97
27) 2,4-Dimethylphenol	7.781	122	202287	111.896	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	286122	87.425	ng	98
29) 2,4-Dichlorophenol	7.939	162	13058	5.472	ng	93
30) 1,2,4-Trichlorobenzene	8.022	180	50071	17.995	ng	95
31) Naphthalene	8.204	128	36765497m	4160.001	ng	
32) Benzoic acid	7.869	122	43378	24.188	ng	# 1
33) 4-Chloroaniline	8.204	127	6239475	1980.299	ng	# 44
34) Hexachlorobutadiene	8.233	225	143115	86.788	ng	99
35) Caprolactam	8.528	113	13911	18.931	ng	# 81
36) 4-Chloro-3-methylphenol	8.645	107	202757	80.026	ng	97
37) 2-Methylnaphthalene	8.816	142	6048081	1075.681	ng	98
38) 1-Methylnaphthalene	8.916	142	4215803	764.107	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	255567	47.210	ng	99
41) Hexachlorocyclopentadiene	8.939	237	168617	84.077	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	153135	43.445	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	159158	40.457	ng	94
46) 1,1'-Biphenyl	9.257	154	1341785	90.627	ng	99
47) 2-Chloronaphthalene	9.275	162	491430	42.646	ng	97
48) 2-Nitroaniline	9.375	65	131860	42.664	ng	96
49) Acenaphthylene	9.692	152	848100	51.665	ng	98
50) Dimethylphthalate	9.557	163	576486	45.001	ng	99
51) 2,6-Dinitrotoluene	9.622	165	119419	41.436	ng	99
52) Acenaphthene	9.874	154	1993685	189.528	ng	98
53) 3-Nitroaniline	9.792	138	87407	29.700	ng	94
54) 2,4-Dinitrophenol	9.892	184	73378	50.358	ng	# 76
55) Dibenzofuran	10.033	168	756396	49.221	ng	98
56) 4-Nitrophenol	9.963	139	61500	27.876	ng	95
57) 2,4-Dinitrotoluene	10.022	165	162637	42.659	ng	99
58) Fluorene	10.380	166	972319	78.821	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128882	40.899	ng	99
60) Diethylphthalate	10.251	149	528825	41.981	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	251699	41.855	ng	99
62) 4-Nitroaniline	10.398	138	115176	39.413	ng	92
63) Azobenzene	10.527	77	459876	40.109	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	58345	32.122	ng	96
66) n-Nitrosodiphenylamine	10.492	169	455564	48.408	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	158726	46.548	ng	98
68) Hexachlorobenzene	10.922	284	175151	44.442	ng	100
69) Atrazine	11.027	200	148166	55.162	ng	99
70) Pentachlorophenol	11.127	266	183999	82.723	ng	98
71) Phenanthrene	11.345	178	1445666	89.680	ng	99
72) Anthracene	11.392	178	879282	54.154	ng	98
73) Carbazole	11.557	167	969361	67.454	ng	100
74) Di-n-butylphthalate	11.886	149	809256	45.936	ng	99
75) Fluoranthene	12.533	202	816959	48.360	ng	98
77) Benzidine	12.657	184	117429	29.154	ng	98
78) Pyrene	12.763	202	854433	40.588	ng	98
80) Butylbenzylphthalate	13.392	149	316352	42.214	ng	96
81) Benzo(a)anthracene	13.957	228	685524	45.785	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	189533	45.148	ng	99
83) Chrysene	13.998	228	660241	44.819	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	423873	46.139	ng	100
85) Di-n-octyl phthalate	14.568	149	734551	54.131	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	714951	40.093	ng	99
88) Benzo(b)fluoranthene	15.015	252	715197	40.751	ng	98
89) Benzo(k)fluoranthene	15.045	252	640849	38.746	ng	99
90) Benzo(a)pyrene	15.386	252	620785	42.831	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	591239	40.471	ng	98
92) Benzo(g,h,i)perylene	17.409	276	546364	36.437	ng	99

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

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