

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133214.D
 Acq On : 03 May 2023 18:48
 Operator : CG\JU
 Sample : 02588-09MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZONE-A-6-9-05022023MSD

Quant Time: May 04 01:40:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:31:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

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

1) 1,4-Dichlorobenzene-d4	6.728	152	201011	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	833430	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	429818	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	697507	20.000	ng	0.00
76) Chrysene-d12	13.886	240	360468	20.000	ng	0.00
86) Perylene-d12	15.304	264	430520	20.000	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.351	112	1463899	110.013	ng	0.01
7) Phenol-d6	6.375	99	1773521	107.380	ng	0.00
23) Nitrobenzene-d5	7.298	82	1096325	71.003	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	336256	77.789	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1780271	69.294	ng	0.00
79) Terphenyl-d14	12.833	244	1493625	71.463	ng	0.00

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.463	88	261082	42.300	ng	97
3) Pyridine	3.157	79	649257	39.606	ng	98
4) n-Nitrosodimethylamine	3.116	42	355758	41.898	ng	99
6) Aniline	6.393	93	442299	20.792	ng	# 1
8) 2-Chlorophenol	6.516	128	632840	46.841	ng	95
9) Benzaldehyde	6.275	77	346627	49.201	ng	98
10) Phenol	6.393	94	754886	41.431	ng	88
11) bis(2-Chloroethyl)ether	6.469	93	592353	43.323	ng	99
12) 1,3-Dichlorobenzene	6.675	146	655620	45.643	ng	95
13) 1,4-Dichlorobenzene	6.745	146	672054	46.683	ng	100
14) 1,2-Dichlorobenzene	6.898	146	639072	48.151	ng	97
15) Benzyl Alcohol	6.881	79	530757	46.522	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	992649	41.799	ng	93
17) 2-Methylphenol	6.998	107	526155	42.530	ng	98
18) Hexachloroethane	7.240	117	232318	46.417	ng	92
19) n-Nitroso-di-n-propyla...	7.151	70	411697	40.040	ng	98
20) 3+4-Methylphenols	7.151	107	680022	46.675	ng	# 75
22) Acetophenone	7.140	105	830453	43.015	ng	# 96
24) Nitrobenzene	7.316	77	640860	40.959	ng	97
25) Isophorone	7.557	82	1199920	40.930	ng	99
26) 2-Nitrophenol	7.634	139	352732	46.740	ng	95
27) 2,4-Dimethylphenol	7.681	122	575372	44.463	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	734948	42.377	ng	99
29) 2,4-Dichlorophenol	7.881	162	523186	44.412	ng	97
30) 1,2,4-Trichlorobenzene	7.957	180	537614	44.051	ng	100
31) Naphthalene	8.039	128	1773715	42.567	ng	99
32) Benzoic acid	7.798	122	39545	4.947	ng	95
33) 4-Chloroaniline	8.087	127	284224	16.882	ng	99
34) Hexachlorobutadiene	8.157	225	293744	43.427	ng	99
35) Caprolactam	8.457	113	147096m	37.170	ng	
36) 4-Chloro-3-methylphenol	8.581	107	555946	43.763	ng	95
37) 2-Methylnaphthalene	8.728	142	1172846	41.170	ng	98
38) 1-Methylnaphthalene	8.828	142	1095397	41.103	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	485556	42.015	ng	99
41) Hexachlorocyclopentadiene	8.886	237	424745	63.020	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	310726	38.879	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	328238	35.511	ng	99
46) 1,1'-Biphenyl	9.192	154	1419516	41.649	ng	100
47) 2-Chloronaphthalene	9.216	162	1079395	43.269	ng	99
48) 2-Nitroaniline	9.316	65	355139	43.075	ng	96
49) Acenaphthylene	9.633	152	1663297	41.728	ng	100
50) Dimethylphthalate	9.498	163	1276358	42.587	ng	99
51) 2,6-Dinitrotoluene	9.557	165	297180	44.056	ng	93
52) Acenaphthene	9.804	154	1031195	38.627	ng	99
53) 3-Nitroaniline	9.722	138	253386	31.592	ng	99
54) 2,4-Dinitrophenol	9.828	184	16238	4.789	ng	91
55) Dibenzofuran	9.975	168	1497011	41.108	ng	99
56) 4-Nitrophenol	9.892	139	362250	58.314	ng	93
57) 2,4-Dinitrotoluene	9.957	165	381673	44.368	ng	97
58) Fluorene	10.316	166	1097673	41.142	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	189480m	26.442	ng	
60) Diethylphthalate	10.192	149	1202092	42.463	ng	100
61) 4-Chlorophenyl-phenyle...	10.310	204	535270	41.169	ng	97
62) 4-Nitroaniline	10.339	138	322239	43.713	ng	98
63) Azobenzene	10.469	77	1221708	40.739	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	40843	9.661	ng	94
66) n-Nitrosodiphenylamine	10.428	169	1018449	45.014	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	332901	44.006	ng	97
68) Hexachlorobenzene	10.869	284	348965	45.018	ng	98
69) Atrazine	10.957	200	333981	51.229	ng	97
70) Pentachlorophenol	11.057	266	156932	28.426	ng	98
71) Phenanthrene	11.275	178	1617402	43.143	ng	100
72) Anthracene	11.328	178	1611525	42.004	ng	99
73) Carbazole	11.480	167	1423513	41.669	ng	99
74) Di-n-butylphthalate	11.816	149	1764395	45.639	ng	100
75) Fluoranthene	12.463	202	1442173	38.331	ng	97
77) Benzidine	12.580	184	454340m	74.534	ng	
78) Pyrene	12.686	202	1420289	45.963	ng	99
80) Butylbenzylphthalate	13.310	149	574004	52.463	ng	96
81) Benzo(a)anthracene	13.874	228	1048844	42.312	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	204927	29.926	ng	99
83) Chrysene	13.916	228	1055259	42.581	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	675574	49.193	ng	99
85) Di-n-octyl phthalate	14.486	149	1293708	57.774	ng	98
87) Indeno(1,2,3-cd)pyrene	16.686	276	1079081	44.064	ng	99
88) Benzo(b)fluoranthene	14.904	252	1210540	44.198	ng	99
89) Benzo(k)fluoranthene	14.933	252	1110251	40.892	ng	99
90) Benzo(a)pyrene	15.251	252	1055776	42.350	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	894718	43.805	ng	99
92) Benzo(g,h,i)perylene	17.104	276	806626	40.002	ng	97

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

