

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138005.D
 Acq On : 22 May 2024 15:19
 Operator : CG\JU
 Sample : P2525-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-AAMSD

Quant Time: May 22 15:49:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	145420	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	577813	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	325043	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	555813	20.000	ng	0.00
76) Chrysene-d12	14.227	240	268130	20.000	ng	0.00
86) Perylene-d12	15.792	264	308674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1027282	119.996	ng	0.01
7) Phenol-d6	6.657	99	1226731	116.325	ng	0.00
23) Nitrobenzene-d5	7.598	82	842085	85.767	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	472170	144.068	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1786802	84.677	ng	0.00
79) Terphenyl-d14	13.163	244	1788953	98.331	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	134423	36.246	ng	# 85
3) Pyridine	3.822	79	280663	33.728	ng	98
4) n-Nitrosodimethylamine	3.775	42	164409	44.786	ng	96
6) Aniline	6.698	93	188135	19.946	ng	99
8) 2-Chlorophenol	6.822	128	421569	45.503	ng	98
9) Benzaldehyde	6.587	77	37372	6.550	ng	99
10) Phenol	6.669	94	440216	41.357	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	369259	45.181	ng	100
12) 1,3-Dichlorobenzene	6.981	146	449865	41.968	ng	98
13) 1,4-Dichlorobenzene	7.051	146	453087	42.110	ng	98
14) 1,2-Dichlorobenzene	7.204	146	442036	43.652	ng	100
15) Benzyl Alcohol	7.169	79	339210	48.170	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	470533	46.836	ng	98
17) 2-Methylphenol	7.275	107	336456	45.538	ng	99
18) Hexachloroethane	7.551	117	155470	42.700	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	276474	46.664	ng	99
20) 3+4-Methylphenols	7.428	107	432514	44.684	ng	96
22) Acetophenone	7.445	105	578051	44.658	ng	99
24) Nitrobenzene	7.616	77	421876	42.356	ng	98
25) Isophorone	7.851	82	784158	46.018	ng	100
26) 2-Nitrophenol	7.934	139	238397	47.634	ng	96
27) 2,4-Dimethylphenol	7.957	122	318127	49.372	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	473427	45.841	ng	100
29) 2,4-Dichlorophenol	8.169	162	371109	45.801	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	387152	42.794	ng	99
31) Naphthalene	8.339	128	1254383	43.176	ng	99
32) Benzoic acid	8.075	122	260437	47.814	ng	99
33) 4-Chloroaniline	8.381	127	45056	4.731	ng	97
34) Hexachlorobutadiene	8.451	225	235623	41.148	ng	99
35) Caprolactam	8.757	113	108678m	46.295	ng	
36) 4-Chloro-3-methylphenol	8.863	107	387302	46.988	ng	99
37) 2-Methylnaphthalene	9.034	142	846920	45.351	ng	99
38) 1-Methylnaphthalene	9.134	142	780983	42.539	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	406883	46.045	ng	99
41) Hexachlorocyclopentadiene	9.186	237	445397	132.649	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	279646	48.265	ng	99

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44) 2,4,5-Trichlorophenol	9.357	196	301482	47.555	ng	98
46) 1,1'-Biphenyl	9.498	154	1048494	45.990	ng	99
47) 2-Chloronaphthalene	9.528	162	815032	44.785	ng	99
48) 2-Nitroaniline	9.622	65	222651	47.776	ng	98
49) Acenaphthylene	9.945	152	1285935	49.142	ng	99
50) Dimethylphthalate	9.798	163	985233	48.337	ng	100
51) 2,6-Dinitrotoluene	9.863	165	219982	47.024	ng	95
52) Acenaphthene	10.122	154	879982	50.880	ng	99
53) 3-Nitroaniline	10.028	138	54004	11.808	ng	98
54) 2,4-Dinitrophenol	10.139	184	246167	95.887	ng	# 86
55) Dibenzofuran	10.292	168	1172030	46.563	ng	99
56) 4-Nitrophenol	10.192	139	310746	94.603	ng	88
57) 2,4-Dinitrotoluene	10.269	165	299832	49.577	ng	91
58) Fluorene	10.639	166	927339	46.579	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	249890	50.176	ng	99
60) Diethylphthalate	10.498	149	917944	48.221	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	457610	46.609	ng	99
62) 4-Nitroaniline	10.657	138	189583	43.706	ng	96
63) Azobenzene	10.786	77	834509	48.195	ng	99
65) 4,6-Dinitro-2-methylph...	10.675	198	169034	52.670	ng	89
66) n-Nitrosodiphenylamine	10.745	169	778101	45.650	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	288289	47.313	ng	97
68) Hexachlorobenzene	11.180	284	313345	46.522	ng	# 92
69) Atrazine	11.263	200	183354	39.393	ng	99
70) Pentachlorophenol	11.375	266	380083	96.336	ng	98
71) Phenanthrene	11.604	178	1272398	46.455	ng	99
72) Anthracene	11.657	178	1304587	48.005	ng	99
73) Carbazole	11.810	167	1068321	43.034	ng	100
74) Di-n-butylphthalate	12.127	149	1379565	50.074	ng	99
75) Fluoranthene	12.798	202	1213101	43.635	ng	100
77) Benzidine	12.916	184	80356	22.932	ng	99
78) Pyrene	13.027	202	1165818	49.711	ng	100
80) Butylbenzylphthalate	13.633	149	406737	57.500	ng	98
81) Benzo(a)anthracene	14.216	228	836083	49.287	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	92799	19.740	ng	99
83) Chrysene	14.257	228	790405	48.720	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	505945	56.899	ng	99
85) Di-n-octyl phthalate	14.816	149	809324	67.372	ng	99
87) Indeno(1,2,3-cd)pyrene	17.415	276	801532	40.417	ng	100
88) Benzo(b)fluoranthene	15.321	252	892062	49.913	ng	99
89) Benzo(k)fluoranthene	15.357	252	792303	45.125	ng	99
90) Benzo(a)pyrene	15.727	252	785887	51.495	ng	98
91) Dibenzo(a,h)anthracene	17.439	278	657983	40.158	ng	99
92) Benzo(g,h,i)perylene	17.915	276	575902	33.458	ng	100

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

