

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138015.D
 Acq On : 22 May 2024 20:26
 Operator : CG\JU
 Sample : P2564-01MSD 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-05212024MSD

Quant Time: May 23 01:14:51 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	131201	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	475528	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	215360	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	314490	20.000	ng	0.00
76) Chrysene-d12	14.227	240	257594	20.000	ng	0.00
86) Perylene-d12	15.792	264	185917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	355357	46.008	ng	0.00
7) Phenol-d6	6.645	99	431320	45.333	ng	-0.01
23) Nitrobenzene-d5	7.592	82	251478	31.122	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	90484	41.669	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	516459	36.940	ng	0.00
79) Terphenyl-d14	13.163	244	482489	27.605	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.957	88	62629	18.717	ng	98
3) Pyridine	3.722	79	144003	19.180	ng	98
4) n-Nitrosodimethylamine	3.675	42	72652	21.935	ng	96
6) Aniline	6.692	93	146230	17.183	ng	99
8) 2-Chlorophenol	6.816	128	196914	23.558	ng	98
9) Benzaldehyde	6.587	77	32946	6.400	ng	100
10) Phenol	6.663	94	225730	23.505	ng	95
11) bis(2-Chloroethyl)ether	6.763	93	174689	23.691	ng	98
12) 1,3-Dichlorobenzene	6.975	146	211634	21.883	ng	99
13) 1,4-Dichlorobenzene	7.051	146	216268	22.278	ng	99
14) 1,2-Dichlorobenzene	7.204	146	204299	22.361	ng	98
15) Benzyl Alcohol	7.169	79	151037	23.773	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.298	45	217154	23.958	ng	99
17) 2-Methylphenol	7.269	107	151351	22.705	ng	99
18) Hexachloroethane	7.551	117	68025	20.708	ng	96
19) n-Nitroso-di-n-propyla...	7.434	70	126511	23.667	ng	97
20) 3+4-Methylphenols	7.422	107	194305	22.250	ng	96
22) Acetophenone	7.439	105	268004	25.158	ng	# 98
24) Nitrobenzene	7.616	77	186075	22.700	ng	98
25) Isophorone	7.845	82	335379	23.915	ng	99
26) 2-Nitrophenol	7.928	139	94424	22.925	ng	96
27) 2,4-Dimethylphenol	7.957	122	133430	25.162	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	208574	24.540	ng	100
29) 2,4-Dichlorophenol	8.169	162	148944	22.336	ng	97
30) 1,2,4-Trichlorobenzene	8.257	180	165740	22.261	ng	98
31) Naphthalene	8.339	128	544380	22.768	ng	99
32) Benzoic acid	8.028	122	80116m	17.872	ng	
33) 4-Chloroaniline	8.381	127	111830	14.268	ng	99
34) Hexachlorobutadiene	8.451	225	106176	22.530	ng	99
35) Caprolactam	8.733	113	41629	21.548	ng	92
36) 4-Chloro-3-methylphenol	8.857	107	139884	20.621	ng	98
37) 2-Methylnaphthalene	9.033	142	339729	22.105	ng	98
38) 1-Methylnaphthalene	9.133	142	307581	20.357	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	158001	26.986	ng	98
41) Hexachlorocyclopentadiene	9.180	237	38070	17.113	ng	95
43) 2,4,6-Trichlorophenol	9.304	196	97010	25.271	ng	96

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44) 2,4,5-Trichlorophenol	9.345	196	94588	22.519	ng	# 95
46) 1,1'-Biphenyl	9.498	154	402984	26.679	ng	100
47) 2-Chloronaphthalene	9.528	162	299470	24.836	ng	97
48) 2-Nitroaniline	9.616	65	76907	24.907	ng	100
49) Acenaphthylene	9.945	152	446925	25.778	ng	100
50) Dimethylphthalate	9.792	163	355757	26.343	ng	100
51) 2,6-Dinitrotoluene	9.857	165	70778	22.835	ng	91
52) Acenaphthene	10.116	154	257488	22.470	ng	97
53) 3-Nitroaniline	10.027	138	60890	20.095	ng	93
54) 2,4-Dinitrophenol	10.127	184	7933	11.293	ng	# 20
55) Dibenzofuran	10.286	168	392505	23.536	ng	99
56) 4-Nitrophenol	10.175	139	94930	43.619	ng	94
57) 2,4-Dinitrotoluene	10.257	165	84548	21.100	ng	# 87
58) Fluorene	10.633	166	295689	22.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.398	232	70058	21.231	ng	99
60) Diethylphthalate	10.492	149	312112	24.746	ng	98
61) 4-Chlorophenyl-phenyle...	10.622	204	151967	23.361	ng	92
62) 4-Nitroaniline	10.639	138	59859	20.828	ng	93
63) Azobenzene	10.780	77	261973	22.835	ng	98
65) 4,6-Dinitro-2-methylph...	10.669	198	8137	4.481	ng	91
66) n-Nitrosodiphenylamine	10.733	169	254596	26.398	ng	98
67) 4-Bromophenyl-phenylether	11.110	248	86509	25.092	ng	97
68) Hexachlorobenzene	11.180	284	87398	22.933	ng	96
69) Atrazine	11.257	200	77562	29.451	ng	99
70) Pentachlorophenol	11.374	266	104227	46.689	ng	98
71) Phenanthrene	11.598	178	400120	25.818	ng	99
72) Anthracene	11.651	178	393147	25.568	ng	99
73) Carbazole	11.804	167	351636	25.034	ng	99
74) Di-n-butylphthalate	12.121	149	422589	27.109	ng	100
75) Fluoranthene	12.792	202	468947	29.811	ng	99
77) Benzidine	12.916	184	112940	33.548	ng	98
78) Pyrene	13.027	202	479442	21.280	ng	99
80) Butylbenzylphthalate	13.633	149	184804	27.194	ng	99
81) Benzo(a)anthracene	14.215	228	410979	25.218	ng	98
82) 3,3'-Dichlorobenzidine	14.174	252	111186	24.618	ng	100
83) Chrysene	14.257	228	396271	25.425	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	265917	31.128	ng	99
85) Di-n-octyl phthalate	14.815	149	433530	37.565	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	254200	21.282	ng	98
88) Benzo(b)fluoranthene	15.321	252	299089	27.784	ng	99
89) Benzo(k)fluoranthene	15.351	252	290827	27.501	ng	99
90) Benzo(a)pyrene	15.721	252	250350	27.236	ng	# 97
91) Dibenzo(a,h)anthracene	17.439	278	202349	20.504	ng	99
92) Benzo(g,h,i)perylene	17.915	276	197279	19.029	ng	99

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

