

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136889.D
 Acq On : 03 Jan 2024 00:35
 Operator : CG\JU
 Sample : 05899-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-15-2-4MSD

Quant Time: Jan 03 02:07:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71890	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	276601	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	140886	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	259431	20.000	ng	0.00
76) Chrysene-d12	13.963	240	136665	20.000	ng	0.00
86) Perylene-d12	15.445	264	144219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	433123	94.004	ng	0.00
7) Phenol-d6	6.434	99	553315	92.680	ng	0.00
23) Nitrobenzene-d5	7.345	82	344005	63.641	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	156072	94.062	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	673669	64.313	ng	-0.01
79) Terphenyl-d14	12.904	244	607048	62.074	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	77877	40.566	ng	98
3) Pyridine	3.387	79	184390	39.366	ng	94
4) n-Nitrosodimethylamine	3.357	42	104987	41.972	ng	97
6) Aniline	6.451	93	136958	22.945	ng	# 22
8) 2-Chlorophenol	6.575	128	226490	44.919	ng	92
9) Benzaldehyde	6.334	77	53812	15.846	ng	96
10) Phenol	6.446	94	271347	42.576	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	215309	44.423	ng	97
12) 1,3-Dichlorobenzene	6.722	146	230277	41.865	ng	97
13) 1,4-Dichlorobenzene	6.798	146	235710	41.940	ng	98
14) 1,2-Dichlorobenzene	6.951	146	224069	42.846	ng	98
15) Benzyl Alcohol	6.934	79	184973	45.925	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	336004	42.403	ng	85
17) 2-Methylphenol	7.045	107	179934	43.077	ng	99
18) Hexachloroethane	7.287	117	85929	42.100	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	152584	42.161	ng	95
20) 3+4-Methylphenols	7.198	107	230512	44.172	ng	# 78
22) Acetophenone	7.193	105	318252	45.904	ng	# 90
24) Nitrobenzene	7.363	77	230857	42.634	ng	99
25) Isophorone	7.604	82	422861	42.992	ng	99
26) 2-Nitrophenol	7.681	139	119077	45.964	ng	98
27) 2,4-Dimethylphenol	7.722	122	168816	53.524	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	261304	43.706	ng	99
29) 2,4-Dichlorophenol	7.928	162	181908	44.799	ng	94
30) 1,2,4-Trichlorobenzene	7.998	180	193974	42.875	ng	98
31) Naphthalene	8.081	128	653636	43.014	ng	100
32) Benzoic acid	7.869	122	136840	44.840	ng	100
33) 4-Chloroaniline	8.145	127	22852	4.073	ng	95
34) Hexachlorobutadiene	8.192	225	114496	41.654	ng	99
35) Caprolactam	8.516	113	61665m	46.034	ng	
36) 4-Chloro-3-methylphenol	8.634	107	198869	43.504	ng	98
37) 2-Methylnaphthalene	8.775	142	420650	43.013	ng	98
38) 1-Methylnaphthalene	8.875	142	399839	41.674	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	204468	46.862	ng	99
41) Hexachlorocyclopentadiene	8.922	237	146096	103.485	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	128562	45.945	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	136502	43.776	ng	96
46) 1,1'-Biphenyl	9.239	154	543206	45.947	ng	99
47) 2-Chloronaphthalene	9.263	162	393348	43.765	ng	99
48) 2-Nitroaniline	9.369	65	122789	43.628	ng	95
49) Acenaphthylene	9.681	152	653965	47.604	ng	99
50) Dimethylphthalate	9.545	163	469279	45.602	ng	99
51) 2,6-Dinitrotoluene	9.610	165	103299	44.230	ng	89
52) Acenaphthene	9.851	154	372640	43.760	ng	99
53) 3-Nitroaniline	9.781	138	55467	22.420	ng	92
54) 2,4-Dinitrophenol	9.892	184	83609	65.314	ng	# 84
55) Dibenzofuran	10.028	168	569236	44.098	ng	97
56) 4-Nitrophenol	9.963	139	124827	74.742	ng	95
57) 2,4-Dinitrotoluene	10.022	165	128768	42.471	ng	95
58) Fluorene	10.369	166	452379	44.167	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	111605	46.496	ng	97
60) Diethylphthalate	10.245	149	465678	43.614	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	214708	43.127	ng	93
62) 4-Nitroaniline	10.398	138	89546m	37.546	ng	
63) Azobenzene	10.522	77	427031	42.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	58176	39.128	ng	96
66) n-Nitrosodiphenylamine	10.486	169	401980	47.699	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	130778	45.391	ng	98
68) Hexachlorobenzene	10.916	284	145241	45.235	ng	96
69) Atrazine	11.016	200	124785	57.891	ng	99
70) Pentachlorophenol	11.116	266	113949	76.139	ng	99
71) Phenanthrene	11.333	178	618309	46.449	ng	99
72) Anthracene	11.386	178	623622	46.259	ng	99
73) Carbazole	11.545	167	549996	43.272	ng	99
74) Di-n-butylphthalate	11.875	149	727209	46.888	ng	99
75) Fluoranthene	12.527	202	594030	41.719	ng	98
77) Benzidine	12.657	184	100970	25.057	ng	99
78) Pyrene	12.757	202	590876	44.043	ng	99
80) Butylbenzylphthalate	13.380	149	239861	49.135	ng	97
81) Benzo(a)anthracene	13.957	228	435300	45.870	ng	98
82) 3,3'-Dichlorobenzidine	13.916	252	110156	40.874	ng	# 98
83) Chrysene	13.992	228	412425	44.442	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	320115	52.119	ng	97
85) Di-n-octyl phthalate	14.563	149	504374	53.087	ng	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	435031	41.778	ng	99
88) Benzo(b)fluoranthene	15.010	252	430124	44.653	ng	97
89) Benzo(k)fluoranthene	15.039	252	370845	40.744	ng	99
90) Benzo(a)pyrene	15.380	252	364119	44.782	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	364013	42.611	ng	98
92) Benzo(g,h,i)perylene	17.404	276	344574	39.382	ng	98

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

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