

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136888.D
 Acq On : 03 Jan 2024 00:04
 Operator : CG\JU
 Sample : 05899-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 03 02:06:36 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	75986	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	291786	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	148504	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	278018	20.000	ng	0.00
76) Chrysene-d12	13.968	240	147216	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	151101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	440231	90.396	ng	0.00
7) Phenol-d6	6.434	99	554582	87.884	ng	0.00
23) Nitrobenzene-d5	7.345	82	348955	61.197	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	154085	88.101	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	680506	61.633	ng	-0.01
79) Terphenyl-d14	12.904	244	630113	59.814	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	78625	38.748	ng	96
3) Pyridine	3.387	79	178165	35.987	ng	97
4) n-Nitrosodimethylamine	3.357	42	103430	39.121	ng	96
6) Aniline	6.451	93	128709	20.401	ng	# 1
8) 2-Chlorophenol	6.575	128	227509	42.689	ng	93
9) Benzaldehyde	6.334	77	53723	14.967	ng	99
10) Phenol	6.445	94	274222	40.708	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	214577	41.886	ng	98
12) 1,3-Dichlorobenzene	6.722	146	237050	40.774	ng	99
13) 1,4-Dichlorobenzene	6.798	146	236336	39.784	ng	97
14) 1,2-Dichlorobenzene	6.951	146	228295	41.300	ng	98
15) Benzyl Alcohol	6.934	79	184538	43.347	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	339666	40.554	ng	81
17) 2-Methylphenol	7.045	107	182132	41.253	ng	97
18) Hexachloroethane	7.286	117	85073	39.433	ng	95
19) n-Nitroso-di-n-propyla...	7.198	70	154669	40.433	ng	99
20) 3+4-Methylphenols	7.198	107	232571	42.165	ng	# 84
22) Acetophenone	7.192	105	319098	43.631	ng	# 91
24) Nitrobenzene	7.369	77	231614	40.548	ng	90
25) Isophorone	7.604	82	423779	40.843	ng	99
26) 2-Nitrophenol	7.681	139	119398	43.689	ng	98
27) 2,4-Dimethylphenol	7.722	122	175080	52.622	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	266575	42.267	ng	99
29) 2,4-Dichlorophenol	7.928	162	186282	43.489	ng	95
30) 1,2,4-Trichlorobenzene	7.998	180	196709	41.217	ng	98
31) Naphthalene	8.081	128	661616	41.274	ng	100
32) Benzoic acid	7.869	122	142047	44.124	ng	97
33) 4-Chloroaniline	8.145	127	20548	3.472	ng	95
34) Hexachlorobutadiene	8.192	225	114707	39.559	ng	98
35) Caprolactam	8.516	113	63446m	44.899	ng	
36) 4-Chloro-3-methylphenol	8.633	107	202657	42.026	ng	99
37) 2-Methylnaphthalene	8.775	142	421916	40.898	ng	99
38) 1-Methylnaphthalene	8.875	142	400573	39.577	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	206159	44.826	ng	99
41) Hexachlorocyclopentadiene	8.922	237	151705	102.018	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	130931	44.391	ng	97

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44) 2,4,5-Trichlorophenol	9.104	196	139768	42.524	ng	95
46) 1,1'-Biphenyl	9.239	154	549097	44.063	ng	99
47) 2-Chloronaphthalene	9.263	162	400083	42.231	ng	99
48) 2-Nitroaniline	9.369	65	121063	40.808	ng	93
49) Acenaphthylene	9.680	152	663761	45.839	ng	100
50) Dimethylphthalate	9.545	163	472851	43.592	ng	100
51) 2,6-Dinitrotoluene	9.610	165	102597	41.676	ng	90
52) Acenaphthene	9.851	154	374599	41.733	ng	99
53) 3-Nitroaniline	9.780	138	56302	21.590	ng	92
54) 2,4-Dinitrophenol	9.892	184	89053	65.959	ng	# 85
55) Dibenzofuran	10.027	168	575376	42.287	ng	99
56) 4-Nitrophenol	9.963	139	127018	72.153	ng	99
57) 2,4-Dinitrotoluene	10.022	165	131703	41.211	ng	95
58) Fluorene	10.369	166	459416	42.553	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.151	232	115505	45.652	ng	97
60) Diethylphthalate	10.245	149	473197	42.045	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	217105	41.372	ng	94
62) 4-Nitroaniline	10.404	138	90966m	36.185	ng	
63) Azobenzene	10.522	77	432795	41.172	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	61831	38.806	ng	97
66) n-Nitrosodiphenylamine	10.486	169	408737	45.258	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	132242	42.830	ng	98
68) Hexachlorobenzene	10.916	284	147731	42.935	ng	95
69) Atrazine	11.016	200	127302	55.111	ng	99
70) Pentachlorophenol	11.122	266	117729	73.405	ng	98
71) Phenanthrene	11.333	178	638446	44.755	ng	99
72) Anthracene	11.386	178	635485	43.988	ng	99
73) Carbazole	11.545	167	571944	41.990	ng	99
74) Di-n-butylphthalate	11.874	149	747605	44.980	ng	99
75) Fluoranthene	12.527	202	621290	40.716	ng	97
77) Benzidine	12.657	184	85388	19.671	ng	98
78) Pyrene	12.757	202	607793	42.057	ng	99
80) Butylbenzylphthalate	13.380	149	250429	47.623	ng	96
81) Benzo(a)anthracene	13.957	228	457380	44.742	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	103841	35.769	ng	99
83) Chrysene	13.992	228	425878	42.602	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	333795	50.451	ng	98
85) Di-n-octyl phthalate	14.562	149	519836	50.793	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	457286	41.916	ng	100
88) Benzo(b)fluoranthene	15.009	252	431590	42.765	ng	98
89) Benzo(k)fluoranthene	15.039	252	370344	38.836	ng	98
90) Benzo(a)pyrene	15.380	252	363547	42.676	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	366495	40.948	ng	98
92) Benzo(g,h,i)perylene	17.409	276	358774	39.137	ng	99

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

