

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136941.D
 Acq On : 04 Jan 2024 15:14
 Operator : CG\JU
 Sample : 05897-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-36aMSD

Quant Time: Jan 04 15:35:53 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60222	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	220374	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	99894	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	170037	20.000	ng	0.00
76) Chrysene-d12	13.968	240	128551	20.000	ng	0.00
86) Perylene-d12	15.451	264	158092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	409686	106.145	ng	0.01
7) Phenol-d6	6.440	99	496390	99.254	ng	0.00
23) Nitrobenzene-d5	7.351	82	315782	73.325	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	114181	97.054	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	568067	76.485	ng	-0.01
79) Terphenyl-d14	12.904	244	519568	56.482	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	66052	41.073	ng	97
3) Pyridine	3.375	79	151501	38.611	ng	99
4) n-Nitrosodimethylamine	3.346	42	85242	40.681	ng	98
6) Aniline	6.451	93	88876	17.774	ng	# 1
8) 2-Chlorophenol	6.575	128	179001	42.379	ng	97
9) Benzaldehyde	6.340	77	45448	15.976	ng	99
10) Phenol	6.451	94	206098	38.604	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	168982	41.620	ng	100
12) 1,3-Dichlorobenzene	6.722	146	191262	41.509	ng	98
13) 1,4-Dichlorobenzene	6.798	146	193387	41.076	ng	98
14) 1,2-Dichlorobenzene	6.951	146	179978	41.082	ng	98
15) Benzyl Alcohol	6.934	79	138426	41.027	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	268304	40.419	ng	60
17) 2-Methylphenol	7.051	107	135289	38.664	ng	94
18) Hexachloroethane	7.287	117	69867	40.862	ng	95
19) n-Nitroso-di-n-propyla...	7.198	70	118460	39.074	ng	98
20) 3+4-Methylphenols	7.204	107	171264	39.178	ng	# 55
22) Acetophenone	7.192	105	250515	45.353	ng	# 87
24) Nitrobenzene	7.369	77	177767	41.206	ng	94
25) Isophorone	7.604	82	312348	39.859	ng	99
26) 2-Nitrophenol	7.681	139	90013	43.610	ng	94
27) 2,4-Dimethylphenol	7.728	122	121252	48.253	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	197436	41.449	ng	100
29) 2,4-Dichlorophenol	7.928	162	134638	41.618	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	153743	42.653	ng	99
31) Naphthalene	8.081	128	505790	41.778	ng	99
32) Benzoic acid	7.857	122	93043	38.268	ng	99
33) 4-Chloroaniline	8.139	127	23467	5.250	ng	98
34) Hexachlorobutadiene	8.192	225	91337	41.707	ng	99
35) Caprolactam	8.510	113	38861	36.413	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	134956	37.055	ng	98
37) 2-Methylnaphthalene	8.775	142	311043	39.921	ng	100
38) 1-Methylnaphthalene	8.875	142	295170	38.614	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	155880	50.387	ng	99
41) Hexachlorocyclopentadiene	8.922	237	100779	100.811	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	86606	43.652	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	92162	41.685	ng	97
46) 1,1'-Biphenyl	9.239	154	393613	46.956	ng	99
47) 2-Chloronaphthalene	9.269	162	289430	45.418	ng	97
48) 2-Nitroaniline	9.369	65	79420	39.798	ng	95
49) Acenaphthylene	9.680	152	454965	46.709	ng	99
50) Dimethylphthalate	9.545	163	303683	41.620	ng	99
51) 2,6-Dinitrotoluene	9.610	165	66601	40.219	ng	91
52) Acenaphthene	9.851	154	263305	43.609	ng	98
53) 3-Nitroaniline	9.780	138	32021	18.254	ng	98
54) 2,4-Dinitrophenol	9.898	184	56030	61.935	ng	96
55) Dibenzofuran	10.028	168	392175	42.848	ng	99
56) 4-Nitrophenol	9.969	139	72955	61.609	ng	98
57) 2,4-Dinitrotoluene	10.022	165	82878	38.553	ng	94
58) Fluorene	10.369	166	310910	42.812	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	68271	40.114	ng	98
60) Diethylphthalate	10.245	149	305038	40.293	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	147852	41.885	ng	96
62) 4-Nitroaniline	10.398	138	57470	33.985	ng	97
63) Azobenzene	10.522	77	282720	39.983	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	39301	40.330	ng	82
66) n-Nitrosodiphenylamine	10.486	169	259536	46.987	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	86718	45.922	ng	99
68) Hexachlorobenzene	10.922	284	95169	45.223	ng	95
69) Atrazine	11.016	200	77490	54.850	ng	98
70) Pentachlorophenol	11.122	266	66634	67.931	ng	97
71) Phenanthrene	11.339	178	401910	46.066	ng	99
72) Anthracene	11.386	178	394106	44.603	ng	98
73) Carbazole	11.551	167	367767	44.147	ng	100
74) Di-n-butylphthalate	11.880	149	487644	47.971	ng	98
75) Fluoranthene	12.533	202	422871	45.312	ng	98
77) Benzidine	12.663	184	80809	21.319	ng	100
78) Pyrene	12.763	202	433284	34.335	ng	99
80) Butylbenzylphthalate	13.386	149	208947	45.504	ng	97
81) Benzo(a)anthracene	13.963	228	409467	45.871	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	81809	32.271	ng	# 96
83) Chrysene	13.998	228	388235	44.476	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	327287	56.650	ng	100
85) Di-n-octyl phthalate	14.563	149	589251	65.936	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	534792	46.852	ng	100
88) Benzo(b)fluoranthene	15.021	252	421663	39.934	ng	100
89) Benzo(k)fluoranthene	15.051	252	394991	39.589	ng	98
90) Benzo(a)pyrene	15.392	252	373917	41.952	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	450993	48.160	ng	99
92) Benzo(g,h,i)perylene	17.439	276	431053	44.943	ng	99

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

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