

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136628.D
 Acq On : 18 Dec 2023 22:20
 Operator : CG\JU
 Sample : 05485-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MSD

Quant Time: Dec 19 01:08:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 00:56:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	85087	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	314305	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	131680	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	212856	20.000	ng	0.00
76) Chrysene-d12	13.974	240	160259	20.000	ng	0.00
86) Perylene-d12	15.457	264	116914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	566262	98.284	ng	0.01
7) Phenol-d6	6.445	99	681719	94.837	ng	0.00
23) Nitrobenzene-d5	7.351	82	399634	68.737	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	145995	89.919	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	732794	75.934	ng	0.00
79) Terphenyl-d14	12.910	244	716626	58.939	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	105625	46.350	ng	96
3) Pyridine	3.375	79	243389	44.103	ng	95
4) n-Nitrosodimethylamine	3.340	42	111400	46.463	ng	93
6) Aniline	6.457	93	99243	13.661	ng	# 1
8) 2-Chlorophenol	6.581	128	295239	46.939	ng	99
9) Benzaldehyde	6.340	77	30410	6.059	ng	93
10) Phenol	6.457	94	347999	45.496	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	273476	47.966	ng	96
12) 1,3-Dichlorobenzene	6.734	146	315597	44.617	ng	96
13) 1,4-Dichlorobenzene	6.810	146	315748	44.004	ng	98
14) 1,2-Dichlorobenzene	6.957	146	303070	44.916	ng	99
15) Benzyl Alcohol	6.940	79	219599	45.621	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.069	45	301621	41.132	ng	87
17) 2-Methylphenol	7.057	107	229959	45.254	ng	# 94
18) Hexachloroethane	7.298	117	96922	38.688	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	181240	43.708	ng	99
20) 3+4-Methylphenols	7.210	107	284723	45.141	ng	# 64
22) Acetophenone	7.198	105	397031	51.155	ng	# 94
24) Nitrobenzene	7.375	77	271818	46.475	ng	95
25) Isophorone	7.610	82	485031	46.435	ng	98
26) 2-Nitrophenol	7.687	139	142187	49.451	ng	94
27) 2,4-Dimethylphenol	7.734	122	209699	59.146	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	309573	48.231	ng	98
29) 2,4-Dichlorophenol	7.934	162	222071	47.453	ng	100
30) 1,2,4-Trichlorobenzene	8.010	180	251508	46.090	ng	99
31) Naphthalene	8.092	128	799861	46.148	ng	99
32) Benzoic acid	7.863	122	142269	40.450	ng	92
33) 4-Chloroaniline	8.145	127	59152	9.573	ng	98
34) Hexachlorobutadiene	8.204	225	145390	44.956	ng	98
35) Caprolactam	8.510	113	67951	47.150	ng	90
36) 4-Chloro-3-methylphenol	8.639	107	214801	43.229	ng	94
37) 2-Methylnaphthalene	8.781	142	479932	43.524	ng	94
38) 1-Methylnaphthalene	8.881	142	451486	41.725	ng	96
40) 1,2,4,5-Tetrachloroben...	8.951	216	227222	55.464	ng	99
41) Hexachlorocyclopentadiene	8.934	237	15436	10.170	ng	90
43) 2,4,6-Trichlorophenol	9.069	196	138334	51.859	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	140240	47.105	ng	# 92
46) 1,1'-Biphenyl	9.251	154	593315	52.953	ng	98
47) 2-Chloronaphthalene	9.275	162	432240	49.564	ng	98
48) 2-Nitroaniline	9.375	65	116780	49.928	ng	90
49) Acenaphthylene	9.686	152	631064	50.798	ng	98
50) Dimethylphthalate	9.551	163	513356	52.952	ng	99
51) 2,6-Dinitrotoluene	9.616	165	104249	47.798	ng	97
52) Acenaphthene	9.863	154	375733	47.198	ng	94
53) 3-Nitroaniline	9.786	138	78905	35.428	ng	96
54) 2,4-Dinitrophenol	9.898	184	18196	16.501	ng	95
55) Dibenzofuran	10.033	168	551653	47.435	ng	98
56) 4-Nitrophenol	9.963	139	148829	89.139	ng	89
57) 2,4-Dinitrotoluene	10.022	165	123273	42.725	ng	97
58) Fluorene	10.375	166	417564	44.728	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	105421	44.206	ng	98
60) Diethylphthalate	10.251	149	445027	46.682	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	209618	46.060	ng	98
62) 4-Nitroaniline	10.398	138	86951	39.317	ng	96
63) Azobenzene	10.528	77	358432	41.308	ng	95
65) 4,6-Dinitro-2-methylph...	10.433	198	15330	11.629	ng	83
66) n-Nitrosodiphenylamine	10.492	169	363533	53.225	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	121704	49.177	ng	96
68) Hexachlorobenzene	10.928	284	134980	47.191	ng	94
69) Atrazine	11.022	200	113197	58.067	ng	97
70) Pentachlorophenol	11.128	266	137975	85.470	ng	97
71) Phenanthrene	11.345	178	606241	51.818	ng	98
72) Anthracene	11.398	178	595857	50.565	ng	98
73) Carbazole	11.557	167	525358	50.371	ng	99
74) Di-n-butylphthalate	11.886	149	613909	48.015	ng	99
75) Fluoranthene	12.539	202	709896	57.901	ng	99
77) Benzidine	12.663	184	91239	29.933	ng	99
78) Pyrene	12.769	202	741290	47.231	ng	98
80) Butylbenzylphthalate	13.392	149	266155	47.637	ng	96
81) Benzo(a)anthracene	13.963	228	586479	52.538	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	135959	43.439	ng	98
83) Chrysene	14.004	228	542908	49.432	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	351611	51.335	ng	98
85) Di-n-octyl phthalate	14.574	149	577378	57.069	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	383827	47.256	ng	100
88) Benzo(b)fluoranthene	15.021	252	460611	57.622	ng	99
89) Benzo(k)fluoranthene	15.051	252	352074	46.735	ng	98
90) Benzo(a)pyrene	15.398	252	345610	52.353	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	306189	46.015	ng	99
92) Benzo(g,h,i)perylene	17.427	276	308766	45.209	ng	98

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

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