Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135505.D
Acq On : 28 Sep 2023 21:10
Operator : CG\JU
Sample : 04621-02MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

Quant Time: Sep 29 00:27:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 28 19:03:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	129595	20.000	ng		0.00
21) Naphthalene-d8	8.028	136	454693	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	190489	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	345714	20.000	ng		0.00
76) Chrysene-d12	13.933	240	239492	20.000	ng		0.00
86) Perylene-d12	15.392	264	193972	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	785462	98.577	ng		0.01
7) Phenol-d6	6.404	99	925690	91.365	ng		0.00
23) Nitrobenzene-d5	7.316	82	566982	67.746	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	160359	84.712	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	855006	67.719	ng		0.00
79) Terphenyl-d14	12.869	244	869425	56.276	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	184579	52.843	ng		92
3) Pyridine	3.252	79	418471	44.513	ng		95
4) n-Nitrosodimethylamine	3.210	42	266239	53.368	ng		94
6) Aniline	6.416	93	330269	24.858	ng	#	6
8) 2-Chlorophenol	6.540	128	416889	49.012	ng		96
9) Benzaldehyde	6.304	77	99356	17.214	ng		98
10) Phenol	6.416	94	501739	45.161	ng		88
11) bis(2-Chloroethyl)ether	6.487	93	432040	51.843	ng		99
12) 1,3-Dichlorobenzene	6.687	146	424801	49.142	ng		99
13) 1,4-Dichlorobenzene	6.763	146	433359	49.274	ng		99
14) 1,2-Dichlorobenzene	6.916	146	403562	49.411	ng		98
15) Benzyl Alcohol	6.898	79	340479	46.831	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.028	45	732913	46.658	ng		82
17) 2-Methylphenol	7.016	107	309551	41.240	ng	#	94
18) Hexachloroethane	7.251	117	145034	44.631	ng		91
19) n-Nitroso-di-n-propyla...	7.163	70	268591	42.799	ng		95
20) 3+4-Methylphenols	7.169	107	396343	43.912	ng	#	71
22) Acetophenone	7.157	105	529011	50.889	ng	#	90
24) Nitrobenzene	7.334	77	427720	51.706	ng		98
25) Isophorone	7.569	82	746437	48.571	ng		97
26) 2-Nitrophenol	7.645	139	174583	43.974	ng		99
27) 2,4-Dimethylphenol	7.692	122	297551	44.588	ng		98
28) bis(2-Chloroethoxy)met...	7.781	93	479352	52.113	ng		99
29) 2,4-Dichlorophenol	7.898	162	285195	46.121	ng		98
30) 1,2,4-Trichlorobenzene	7.969	180	316018	48.894	ng		99
31) Naphthalene	8.045	128	1083281	49.035	ng		99
32) Benzoic acid	7.822	122	196662	39.136	ng		97
33) 4-Chloroaniline	8.104	127	224177	23.128	ng		99
34) Hexachlorobutadiene	8.163	225	179975	46.180	ng		99
35) Caprolactam	8.475	113	97665	47.060	ng		97
36) 4-Chloro-3-methylphenol	8.598	107	288907	42.037	ng		97
37) 2-Methylnaphthalene	8.739	142	633576	42.664	ng		99
38) 1-Methylnaphthalene	8.839	142	607697	43.709	ng		98
40) 1,2,4,5-Tetrachloroben...	8.904	216	288234	52.229	ng		99
41) Hexachlorocyclopentadiene	8.887	237	18519	14.297	ng		99
43) 2,4,6-Trichlorophenol	9.028	196	180410	49.930	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	188904	45.398	ng		98
46) 1,1'-Biphenyl	9.204	154	762355	52.078	ng		99
47) 2-Chloronaphthalene	9.228	162	558813	52.613	ng		98
48) 2-Nitroaniline	9.334	65	216368	52.436	ng		96
49) Acenaphthylene	9.645	152	915699	51.876	ng		100
50) Dimethylphthalate	9.510	163	640471	49.730	ng		100
51) 2,6-Dinitrotoluene	9.575	165	134992	47.846	ng		98
52) Acenaphthene	9.816	154	554291	53.155	ng		98
53) 3-Nitroaniline	9.751	138	143122	43.216	ng		91
54) 2,4-Dinitrophenol	9.869	184	11364	12.789	ng	#	87
55) Dibenzofuran	9.986	168	767704	48.245	ng		99
56) 4-Nitrophenol	9.934	139	202731	96.317	ng		89
57) 2,4-Dinitrotoluene	9.986	165	147489	41.757	ng	#	80
58) Fluorene	10.333	166	616016	50.357	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	153927	48.089	ng		99
60) Diethylphthalate	10.210	149	614726	47.560	ng		100
61) 4-Chlorophenyl-phenyle...	10.328	204	268491	45.690	ng		89
62) 4-Nitroaniline	10.363	138	149271	46.890	ng		97
63) Azobenzene	10.486	77	602441	47.624	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	12328	6.714	ng		87
66) n-Nitrosodiphenylamine	10.445	169	517899	49.482	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	162142	47.157	ng		97
68) Hexachlorobenzene	10.881	284	170464	48.663	ng	#	90
69) Atrazine	10.980	200	145076	51.515	ng		99
70) Pentachlorophenol	11.086	266	195543	93.303	ng		98
71) Phenanthrene	11.298	178	1136362	69.499	ng		99
72) Anthracene	11.351	178	984525	58.579	ng		100
73) Carbazole	11.516	167	895733	58.546	ng		99
74) Di-n-butylphthalate	11.839	149	965178	53.537	ng		100
75) Fluoranthene	12.498	202	1770035	103.891	ng		99
77) Benzidine	12.622	184	248508	50.649	ng		99
78) Pyrene	12.727	202	1564420	68.611	ng		99
80) Butylbenzylphthalate	13.351	149	439949	54.802	ng		98
81) Benzo(a)anthracene	13.921	228	984764	63.678	ng		98
82) 3,3'-Dichlorobenzidine	13.886	252	234003	48.443	ng	#	99
83) Chrysene	13.963	228	979738	63.721	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	620496	75.320	ng		99
85) Di-n-octyl phthalate	14.527	149	1027051	78.449	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.868	276	593075	46.632	ng		96
88) Benzo(b)fluoranthene	14.968	252	780118	74.294	ng	#	96
89) Benzo(k)fluoranthene	14.998	252	555619	53.566	ng	#	96
90) Benzo(a)pyrene	15.333	252	564969	56.421	ng		99
91) Dibenzo(a,h)anthracene	16.880	278	451430	43.381	ng		98
92) Benzo(g,h,i)perylene	17.315	276	495201	45.566	ng		96

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

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