Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135504.D
Acq On : 28 Sep 2023 20:40
Operator : CG\JU
Sample : 04621-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

Quant Time: Sep 29 00:26:49 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	139969	20.000	ng		0.00
21) Naphthalene-d8	8.028	136	499566	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	209333	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	370215	20.000	ng		0.00
76) Chrysene-d12	13.933	240	251649	20.000	ng		0.00
86) Perylene-d12	15.392	264	204719	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	796921	92.603	ng		0.01
7) Phenol-d6	6.404	99	952759	87.067	ng		0.00
23) Nitrobenzene-d5	7.316	82	597182	64.945	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	167702	80.616	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	922217	66.467	ng		0.00
79) Terphenyl-d14	12.869	244	850155	52.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.499	88	190832	50.584	ng		92
3) Pyridine	3.257	79	422442	41.605	ng		94
4) n-Nitrosodimethylamine	3.216	42	273774	50.811	ng		93
6) Aniline	6.416	93	347167	24.193	ng	#	1
8) 2-Chlorophenol	6.540	128	434283	47.273	ng		97
9) Benzaldehyde	6.304	77	100837	16.176	ng		95
10) Phenol	6.416	94	517879	43.159	ng		90
11) bis(2-Chloroethyl)ether	6.487	93	443380	49.260	ng		99
12) 1,3-Dichlorobenzene	6.687	146	440170	47.146	ng		98
13) 1,4-Dichlorobenzene	6.763	146	447836	47.146	ng		99
14) 1,2-Dichlorobenzene	6.916	146	414584	46.999	ng		97
15) Benzyl Alcohol	6.898	79	350263	44.606	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.028	45	765571	45.125	ng		83
17) 2-Methylphenol	7.016	107	320519	39.536	ng	#	93
18) Hexachloroethane	7.251	117	153766	43.811	ng		93
19) n-Nitroso-di-n-propyla...	7.163	70	277478	40.938	ng		94
20) 3+4-Methylphenols	7.169	107	406563	41.706	ng	#	70
22) Acetophenone	7.157	105	550874	48.232	ng	#	90
24) Nitrobenzene	7.334	77	442637	48.703	ng		98
25) Isophorone	7.569	82	775490	45.929	ng		97
26) 2-Nitrophenol	7.645	139	185843	42.605	ng		99
27) 2,4-Dimethylphenol	7.692	122	313923	42.816	ng		98
28) bis(2-Chloroethoxy)met...	7.781	93	508919	50.358	ng		99
29) 2,4-Dichlorophenol	7.892	162	305046	44.900	ng		97
30) 1,2,4-Trichlorobenzene	7.969	180	337248	47.492	ng		99
31) Naphthalene	8.045	128	1147578	47.279	ng		99
32) Benzoic acid	7.828	122	204843	37.103	ng		99
33) 4-Chloroaniline	8.104	127	226788	21.296	ng		99
34) Hexachlorobutadiene	8.157	225	191469	44.716	ng		100
35) Caprolactam	8.475	113	99250	43.528	ng		98
36) 4-Chloro-3-methylphenol	8.598	107	305934	40.516	ng		97
37) 2-Methylnaphthalene	8.739	142	678165	41.565	ng		98
38) 1-Methylnaphthalene	8.839	142	646718	42.337	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	309222	50.988	ng		99
41) Hexachlorocyclopentadiene	8.887	237	32531	18.434	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	196064	49.377	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	199357	43.597	ng		97
46) 1,1'-Biphenyl	9.204	154	812570	50.511	ng		98
47) 2-Chloronaphthalene	9.228	162	584658	50.091	ng		98
48) 2-Nitroaniline	9.334	65	224829	49.582	ng		96
49) Acenaphthylene	9.645	152	969834	49.997	ng		99
50) Dimethylphthalate	9.510	163	682728	48.239	ng		100
51) 2,6-Dinitrotoluene	9.575	165	142721	46.032	ng		96
52) Acenaphthene	9.816	154	582767	50.855	ng		98
53) 3-Nitroaniline	9.751	138	145155	39.884	ng		92
54) 2,4-Dinitrophenol	9.869	184	16082	14.671	ng		99
55) Dibenzofuran	9.986	168	807340	46.169	ng		99
56) 4-Nitrophenol	9.934	139	205892	89.014	ng		91
57) 2,4-Dinitrotoluene	9.986	165	156566	40.336	ng	#	83
58) Fluorene	10.333	166	640741	47.663	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	153195	43.552	ng		99
60) Diethylphthalate	10.210	149	657706	46.305	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	278680	43.155	ng		97
62) 4-Nitroaniline	10.363	138	151876	43.413	ng		97
63) Azobenzene	10.486	77	645261	46.418	ng		98
65) 4,6-Dinitro-2-methylph...	10.398	198	18680	9.500	ng		99
66) n-Nitrosodiphenylamine	10.445	169	546123	48.726	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	171011	46.444	ng		97
68) Hexachlorobenzene	10.881	284	175932	46.901	ng	#	90
69) Atrazine	10.980	200	153218	50.805	ng		98
70) Pentachlorophenol	11.086	266	191503	85.328	ng		98
71) Phenanthrene	11.298	178	1141736	65.206	ng		98
72) Anthracene	11.351	178	995779	55.327	ng		99
73) Carbazole	11.516	167	899571	54.906	ng		97
74) Di-n-butylphthalate	11.839	149	977482	50.631	ng		99
75) Fluoranthene	12.498	202	1719653	94.254	ng		99
77) Benzidine	12.622	184	204889	39.742	ng		100
78) Pyrene	12.727	202	1545532	64.508	ng		99
80) Butylbenzylphthalate	13.345	149	432165	51.232	ng		93
81) Benzo(a)anthracene	13.921	228	1021855	62.885	ng		98
82) 3,3'-Dichlorobenzidine	13.886	252	226244	44.575	ng	#	98
83) Chrysene	13.963	228	989007	61.216	ng		98
84) Bis(2-ethylhexyl)phtha...	13.910	149	606326	70.044	ng		100
85) Di-n-octyl phthalate	14.527	149	1041997	75.745	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.868	276	603030	44.926	ng		97
88) Benzo(b)fluoranthene	14.968	252	843081	76.075	ng	#	96
89) Benzo(k)fluoranthene	14.998	252	591393	54.022	ng	#	97
90) Benzo(a)pyrene	15.333	252	589548	55.784	ng		99
91) Dibenzo(a,h)anthracene	16.880	278	453405	41.284	ng		99
92) Benzo(g,h,i)perylene	17.315	276	500830	43.664	ng		97

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

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