Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	62446	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	224439	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	123398	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	232644	20.000	ng		0.00
76) Chrysene-d12	14.033	240	126339	20.000	ng		0.00
86) Perylene-d12	15.498	264	129089	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	308029	80.470	ng		0.00
7) Phenol-d6	6.510	99	407735	81.152	ng		0.00
23) Nitrobenzene-d5	7.445	82	402094	84.223	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	109581	83.413	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	722819	82.154	ng		0.00
79) Terphenyl-d14	12.980	244	677284	87.992	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	60123	39.149	ng		99
3) Pyridine	3.404	79	145860	43.077	ng		97
4) n-Nitrosodimethylamine	3.369	42	119146	40.597	ng		99
6) Aniline	6.545	93	169079	44.592	ng		98
8) 2-Chlorophenol	6.663	128	162520	41.245	ng		98
9) Benzaldehyde	6.428	77	123057	42.392	ng		99
10) Phenol	6.522	94	212792	41.583	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	146864	37.760	ng		98
12) 1,3-Dichlorobenzene	6.822	146	180304	40.235	ng		100
13) 1,4-Dichlorobenzene	6.898	146	182375	40.273	ng		100
14) 1,2-Dichlorobenzene	7.051	146	175523	41.020	ng		99
15) Benzyl Alcohol	7.022	79	165457	41.276	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	247051	41.216	ng		99
17) 2-Methylphenol	7.128	107	126426	40.384	ng		100
18) Hexachloroethane	7.392	117	71112	41.228	ng		100
19) n-Nitroso-di-n-propyla...	7.292	70	123157	41.364	ng		98
20) 3+4-Methylphenols	7.286	107	174364	40.824	ng	#	89
22) Acetophenone	7.292	105	241549	41.167	ng		96
24) Nitrobenzene	7.463	77	204895	41.700	ng		98
25) Isophorone	7.698	82	312264	41.358	ng		99
26) 2-Nitrophenol	7.775	139	83362	43.547	ng		99
27) 2,4-Dimethylphenol	7.810	122	105918	41.945	ng		97
28) bis(2-Chloroethoxy)met...	7.910	93	180121	41.858	ng		97
29) 2,4-Dichlorophenol	8.016	162	135162	42.134	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	154576	41.355	ng		99
31) Naphthalene	8.186	128	485689	41.452	ng		100
32) Benzoic acid	7.934	122	104770	44.336	ng		97
33) 4-Chloroaniline	8.233	127	156112	43.552	ng		100
34) Hexachlorobutadiene	8.298	225	105249	41.447	ng		99
35) Caprolactam	8.604	113	40829	41.375	ng		100
36) 4-Chloro-3-methylphenol	8.710	107	152639	41.634	ng		99
37) 2-Methylnaphthalene	8.875	142	302423	40.664	ng		100
38) 1-Methylnaphthalene	8.975	142	300045	41.093	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	152023	41.569	ng		99
41) Hexachlorocyclopentadiene	9.022	237	52287	40.948	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	99943	42.005	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	106352	42.375	ng	98
46) 1,1'-Biphenyl	9.339	154	389495	41.028	ng	100
47) 2-Chloronaphthalene	9.363	162	293969	41.415	ng	99
48) 2-Nitroaniline	9.457	65	112704	42.689	ng	97
49) Acenaphthylene	9.775	152	438775	41.065	ng	100
50) Dimethylphthalate	9.639	163	331392	40.917	ng	100
51) 2,6-Dinitrotoluene	9.698	165	77298	43.082	ng	99
52) Acenaphthene	9.951	154	310457	41.632	ng	99
53) 3-Nitroaniline	9.869	138	78213	43.619	ng	95
54) 2,4-Dinitrophenol	9.969	184	41262	41.271	ng	90
55) Dibenzofuran	10.122	168	428132	41.190	ng	98
56) 4-Nitrophenol	10.022	139	61840	41.679	ng	93
57) 2,4-Dinitrotoluene	10.098	165	105229	43.441	ng	99
58) Fluorene	10.463	166	352269	41.538	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	85035	40.958	ng	98
60) Diethylphthalate	10.333	149	346481	41.455	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	169915	41.227	ng	96
62) 4-Nitroaniline	10.480	138	80817	41.297	ng	98
63) Azobenzene	10.616	77	341882	41.589	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	53225	43.348	ng	98
66) n-Nitrosodiphenylamine	10.575	169	285103	41.916	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	96974	42.063	ng	100
68) Hexachlorobenzene	11.004	284	112658	41.637	ng	96
69) Atrazine	11.092	200	56838	35.101	ng	98
70) Pentachlorophenol	11.198	266	69995	43.112	ng	97
71) Phenanthrene	11.422	178	466219	41.537	ng	100
72) Anthracene	11.474	178	454834	41.446	ng	99
73) Carbazole	11.627	167	432323	41.161	ng	100
74) Di-n-butylphthalate	11.957	149	506151	43.260	ng	100
75) Fluoranthene	12.610	202	478394	39.911	ng	99
77) Benzidine	12.727	184	99376	54.902	ng	99
78) Pyrene	12.839	202	471161	43.433	ng	100
80) Butylbenzylphthalate	13.457	149	159953	43.319	ng	97
81) Benzo(a)anthracene	14.021	228	342764	40.958	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	100295	40.924	ng	98
83) Chrysene	14.057	228	320335	41.606	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	201075	42.807	ng	98
85) Di-n-octyl phthalate	14.621	149	295691	42.744	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	327960	42.725	ng	99
88) Benzo(b)fluoranthene	15.068	252	331607	41.652	ng	100
89) Benzo(k)fluoranthene	15.104	252	281522	38.351	ng	99
90) Benzo(a)pyrene	15.439	252	275944	41.792	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	271229	42.761	ng	99
92) Benzo(g,h,i)perylene	17.421	276	259119	41.259	ng	99

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

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