Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011924\
Data File : BF137115.D
Acq On : 19 Jan 2024 16:54
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011924

Quant Time: Jan 20 00:58:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 20 00:58:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	147343	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	596972	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	304158	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	544254	20.000	ng		0.00
76) Chrysene-d12	13.998	240	287714	20.000	ng		0.00
86) Perylene-d12	15.486	264	307976	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	806345	80.202	ng		0.00
7) Phenol-d6	6.445	99	1017323	80.601	ng		0.00
23) Nitrobenzene-d5	7.381	82	912583	87.478	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	243987	82.849	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	1606786	79.288	ng		0.00
79) Terphenyl-d14	12.945	244	1646810	81.816	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	184091	40.567	ng		99
3) Pyridine	3.357	79	458002	41.573	ng		98
4) n-Nitrosodimethylamine	3.322	42	250901	40.914	ng		99
6) Aniline	6.481	93	524378	42.686	ng		98
8) 2-Chlorophenol	6.604	128	433154	40.732	ng		99
9) Benzaldehyde	6.369	77	285606	40.489	ng		100
10) Phenol	6.457	94	565001	41.374	ng		95
11) bis(2-Chloroethyl)ether	6.557	93	423240	39.111	ng		100
12) 1,3-Dichlorobenzene	6.757	146	470889	40.308	ng		100
13) 1,4-Dichlorobenzene	6.834	146	474307	40.319	ng		98
14) 1,2-Dichlorobenzene	6.987	146	440247	40.386	ng		100
15) Benzyl Alcohol	6.957	79	372658	40.929	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	719447	39.921	ng		99
17) 2-Methylphenol	7.063	107	355126	40.725	ng		99
18) Hexachloroethane	7.328	117	177017	41.091	ng		100
19) n-Nitroso-di-n-propyla...	7.234	70	314096	40.411	ng		99
20) 3+4-Methylphenols	7.222	107	434515	40.610	ng		94
22) Acetophenone	7.228	105	588829	39.874	ng		98
24) Nitrobenzene	7.398	77	484930	42.579	ng		98
25) Isophorone	7.639	82	858837	39.993	ng		100
26) 2-Nitrophenol	7.710	139	192611	41.971	ng		98
27) 2,4-Dimethylphenol	7.745	122	277808	40.125	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	517321	39.738	ng		99
29) 2,4-Dichlorophenol	7.951	162	353601	41.300	ng		99
30) 1,2,4-Trichlorobenzene	8.039	180	398596	40.302	ng		99
31) Naphthalene	8.116	128	1271552	40.156	ng		99
32) Benzoic acid	7.857	122	268414	43.794	ng		99
33) 4-Chloroaniline	8.169	127	453883	38.956	ng		98
34) Hexachlorobutadiene	8.239	225	233624	40.602	ng		98
35) Caprolactam	8.534	113	110190	40.604	ng	#	83
36) 4-Chloro-3-methylphenol	8.645	107	379585	40.587	ng		99
37) 2-Methylnaphthalene	8.810	142	810463	40.214	ng		99
38) 1-Methylnaphthalene	8.910	142	794968	40.439	ng		98
40) 1,2,4,5-Tetrachloroben...	8.975	216	357296	40.137	ng		100
41) Hexachlorocyclopentadiene	8.963	237	139082	40.666	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	235629	40.664	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	259876	41.144	ng		92
46) 1,1'-Biphenyl	9.275	154	996401	40.240	ng		99
47) 2-Chloronaphthalene	9.298	162	777346	40.537	ng		99
48) 2-Nitroaniline	9.392	65	234341	46.523	ng		98
49) Acenaphthylene	9.716	152	1108538	40.595	ng		100
50) Dimethylphthalate	9.581	163	854971	40.176	ng		99
51) 2,6-Dinitrotoluene	9.639	165	193492	45.612	ng		97
52) Acenaphthene	9.886	154	750492	40.481	ng		99
53) 3-Nitroaniline	9.804	138	197916	43.765	ng		98
54) 2,4-Dinitrophenol	9.904	184	60708	40.756	ng	#	85
55) Dibenzofuran	10.057	168	1031023	40.179	ng		97
56) 4-Nitrophenol	9.957	139	162968	44.411	ng		98
57) 2,4-Dinitrotoluene	10.039	165	241620	47.629	ng		96
58) Fluorene	10.404	166	769776	39.856	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.175	232	196667	40.140	ng		98
60) Diethylphthalate	10.286	149	850277	40.597	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	369373	39.406	ng		98
62) 4-Nitroaniline	10.422	138	193554	44.897	ng		98
63) Azobenzene	10.563	77	880632	40.171	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	90761	40.601	ng		96
66) n-Nitrosodiphenylamine	10.516	169	694341	39.959	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	239359	40.695	ng		99
68) Hexachlorobenzene	10.951	284	261584	39.422	ng		99
69) Atrazine	11.045	200	148297	42.488	ng		100
70) Pentachlorophenol	11.139	266	164773	42.001	ng		98
71) Phenanthrene	11.369	178	1161392	40.047	ng		99
72) Anthracene	11.422	178	1162774	40.250	ng		99
73) Carbazole	11.575	167	1045914	39.917	ng		100
74) Di-n-butylphthalate	11.922	149	1230052	40.949	ng		100
75) Fluoranthene	12.563	202	1171959	39.674	ng		99
77) Benzidine	12.686	184	154184	53.086	ng		97
78) Pyrene	12.792	202	1193764	41.559	ng		99
80) Butylbenzylphthalate	13.427	149	411317	44.237	ng		99
81) Benzo(a)anthracene	13.986	228	881074	41.236	ng		100
82) 3,3'-Dichlorobenzidine	13.957	252	211551	40.381	ng		100
83) Chrysene	14.027	228	838826	40.617	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	504413	44.616	ng		100
85) Di-n-octyl phthalate	14.621	149	789159	43.254	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	910954	43.776	ng		99
88) Benzo(b)fluoranthene	15.051	252	740719	37.802	ng		99
89) Benzo(k)fluoranthene	15.080	252	731036	40.804	ng		98
90) Benzo(a)pyrene	15.427	252	655625	40.551	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	745188	43.616	ng		100
92) Benzo(g,h,i)perylene	17.468	276	781955	43.979	ng		99

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

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