Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082924\
Data File : BF139223.D
Acq On : 29 Aug 2024 16:07
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082924

Quant Time: Aug 29 16:45:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 15:46:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	99322	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	359609	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	207366	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	358790	20.000	ng	0.00
76) Chrysene-d12	14.051	240	194113	20.000	ng	0.00
86) Perylene-d12	15.521	264	168293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	493558	79.660	ng	0.00
7) Phenol-d6	6.516	99	654649	79.650	ng	0.00
23) Nitrobenzene-d5	7.451	82	624202	83.440	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	172646	83.000	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1046631	78.588	ng	0.00
79) Terphenyl-d14	12.998	244	1061798	78.847	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	105946	39.096	ng	99
3) Pyridine	3.422	79	277266	40.222	ng	99
4) n-Nitrosodimethylamine	3.381	42	147809	39.672	ng	98
6) Aniline	6.551	93	302299	39.931	ng	99
8) 2-Chlorophenol	6.675	128	246813	39.644	ng	99
9) Benzaldehyde	6.439	77	211900	40.428	ng	100
10) Phenol	6.528	94	346747	40.347	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	252529	39.839	ng	99
12) 1,3-Dichlorobenzene	6.828	146	293277	39.795	ng	99
13) 1,4-Dichlorobenzene	6.904	146	295776	39.721	ng	99
14) 1,2-Dichlorobenzene	7.057	146	273201	39.195	ng	98
15) Benzyl Alcohol	7.028	79	257332	40.203	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	357277	39.681	ng	100
17) 2-Methylphenol	7.134	107	210157	39.976	ng	98
18) Hexachloroethane	7.404	117	104349	40.461	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	200844	39.272	ng	100
20) 3+4-Methylphenols	7.292	107	268968	39.477	ng	98
22) Acetophenone	7.298	105	367700	40.192	ng	99
24) Nitrobenzene	7.475	77	322214	41.186	ng	100
25) Isophorone	7.710	82	527910	40.717	ng	100
26) 2-Nitrophenol	7.786	139	125247	44.722	ng	99
27) 2,4-Dimethylphenol	7.822	122	166429	40.504	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	303951	40.264	ng	100
29) 2,4-Dichlorophenol	8.022	162	216317	40.926	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	241584	39.829	ng	100
31) Naphthalene	8.192	128	733174	39.762	ng	100
32) Benzoic acid	7.934	122	163862	44.894	ng	99
33) 4-Chloroaniline	8.239	127	255356	40.399	ng	99
34) Hexachlorobutadiene	8.310	225	161545	40.403	ng	98
35) Caprolactam	8.610	113	65108	41.349	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	239372	41.254	ng	99
37) 2-Methylnaphthalene	8.881	142	468279	40.308	ng	99
38) 1-Methylnaphthalene	8.980	142	457396	39.920	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	242250	39.307	ng	99
41) Hexachlorocyclopentadiene	9.033	237	89722	41.565	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	159898	40.789	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	171180	40.576	ng	99
46) 1,1'-Biphenyl	9.351	154	595258	40.052	ng	99
47) 2-Chloronaphthalene	9.375	162	470458	39.878	ng	99
48) 2-Nitroaniline	9.469	65	157425	43.335	ng	99
49) Acenaphthylene	9.786	152	676079	40.316	ng	100
50) Dimethylphthalate	9.651	163	527553	40.629	ng	100
51) 2,6-Dinitrotoluene	9.710	165	120652	42.993	ng	99
52) Acenaphthene	9.963	154	454222	40.569	ng	99
53) 3-Nitroaniline	9.880	138	118291	42.792	ng	99
54) 2,4-Dinitrophenol	9.980	184	57021	41.873	ng	99
55) Dibenzofuran	10.133	168	647672	40.160	ng	100
56) 4-Nitrophenol	10.028	139	93314	44.147	ng	100
57) 2,4-Dinitrotoluene	10.110	165	158084	44.718	ng	99
58) Fluorene	10.475	166	507722	39.783	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	138793	41.488	ng	99
60) Diethylphthalate	10.345	149	503348	40.559	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	253409	39.573	ng	99
62) 4-Nitroaniline	10.492	138	116577	42.948	ng	100
63) Azobenzene	10.627	77	551887	40.346	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	81501	45.985	ng	98
66) n-Nitrosodiphenylamine	10.586	169	423489	39.740	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	156697	40.185	ng	99
68) Hexachlorobenzene	11.022	284	168472	39.502	ng	98
69) Atrazine	11.110	200	104114	39.280	ng	99
70) Pentachlorophenol	11.210	266	115602	42.837	ng	100
71) Phenanthrene	11.439	178	718173	39.796	ng	100
72) Anthracene	11.486	178	702394	39.874	ng	100
73) Carbazole	11.639	167	639366	41.139	ng	100
74) Di-n-butylphthalate	11.974	149	711169	42.798	ng	100
75) Fluoranthene	12.621	202	742948	41.817	ng	100
77) Benzidine	12.745	184	183044	47.714	ng	99
78) Pyrene	12.851	202	740855	39.717	ng	100
80) Butylbenzylphthalate	13.468	149	201850	46.435	ng	99
81) Benzo(a)anthracene	14.039	228	519942	40.898	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	134686	40.347	ng	98
83) Chrysene	14.074	228	463844	39.197	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	196202	41.954	ng	100
85) Di-n-octyl phthalate	14.645	149	311640	35.232	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	486199	40.974	ng	100
88) Benzo(b)fluoranthene	15.086	252	421404	41.807	ng	99
89) Benzo(k)fluoranthene	15.121	252	357900	40.719	ng	99
90) Benzo(a)pyrene	15.457	252	350722	41.265	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	402358	40.747	ng	100
92) Benzo(g,h,i)perylene	17.451	276	410196	41.216	ng	99

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

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