Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137948.D
Acq On : 20 May 2024 08:57
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 20 11:29:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	139267	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	520751	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	272116	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	425630	20.000	ng	0.00
76) Chrysene-d12	14.227	240	240844	20.000	ng	0.00
86) Perylene-d12	15.792	264	260887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	632733	77.175	ng	0.00
7) Phenol-d6	6.657	99	766047	75.850	ng	0.00
23) Nitrobenzene-d5	7.604	82	680583	76.913	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	205798	75.006	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1390309	78.702	ng	0.00
79) Terphenyl-d14	13.163	244	1202438	73.581	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.922	88	138957	39.123	ng	99
3) Pyridine	3.698	79	323135	40.547	ng	99
4) n-Nitrosodimethylamine	3.663	42	134771	38.334	ng	97
6) Aniline	6.710	93	359650	39.814	ng	98
8) 2-Chlorophenol	6.828	128	343744	38.742	ng	100
9) Benzaldehyde	6.598	77	216235	39.574	ng	99
10) Phenol	6.669	94	394726	38.721	ng	99
11) bis(2-Chloroethyl)ether	6.775	93	297002	37.945	ng	99
12) 1,3-Dichlorobenzene	6.986	146	396481	38.622	ng	99
13) 1,4-Dichlorobenzene	7.063	146	399233	38.744	ng	99
14) 1,2-Dichlorobenzene	7.216	146	370009	38.153	ng	100
15) Benzyl Alcohol	7.175	79	272386	40.390	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.310	45	374609	38.935	ng	99
17) 2-Methylphenol	7.281	107	271522	38.373	ng	99
18) Hexachloroethane	7.557	117	134840	38.670	ng	99
19) n-Nitroso-di-n-propyla...	7.445	70	212836	37.510	ng	99
20) 3+4-Methylphenols	7.433	107	348384	37.583	ng	98
22) Acetophenone	7.451	105	447222	38.336	ng	99
24) Nitrobenzene	7.628	77	346926	38.647	ng	97
25) Isophorone	7.857	82	587452	38.252	ng	99
26) 2-Nitrophenol	7.939	139	179950	39.896	ng	99
27) 2,4-Dimethylphenol	7.963	122	225484	38.829	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	361459	38.834	ng	99
29) 2,4-Dichlorophenol	8.175	162	284487	38.957	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	318486	39.062	ng	99
31) Naphthalene	8.351	128	1005989	38.421	ng	100
32) Benzoic acid	8.063	122	192276	39.168	ng	99
33) 4-Chloroaniline	8.392	127	333659	38.872	ng	98
34) Hexachlorobutadiene	8.457	225	204289	39.585	ng	99
35) Caprolactam	8.757	113	75704	35.783	ng	96
36) 4-Chloro-3-methylphenol	8.863	107	280846	37.806	ng	99
37) 2-Methylnaphthalene	9.039	142	633862	37.661	ng	100
38) 1-Methylnaphthalene	9.139	142	621357	37.553	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	297615	40.230	ng	98
41) Hexachlorocyclopentadiene	9.186	237	118512	42.160	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	194856	40.172	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	212997	40.133	ng		99
46) 1,1'-Biphenyl	9.504	154	765449	40.105	ng		100
47) 2-Chloronaphthalene	9.533	162	605512	39.743	ng		100
48) 2-Nitroaniline	9.622	65	149267	38.259	ng		100
49) Acenaphthylene	9.951	152	855888	39.069	ng		99
50) Dimethylphthalate	9.798	163	647773	37.962	ng		99
51) 2,6-Dinitrotoluene	9.863	165	152961	39.057	ng		95
52) Acenaphthene	10.122	154	562124	38.823	ng		99
53) 3-Nitroaniline	10.033	138	142567	37.237	ng		100
54) 2,4-Dinitrophenol	10.133	184	67522	36.101	ng		99
55) Dibenzofuran	10.292	168	810317	38.455	ng		99
56) 4-Nitrophenol	10.174	139	105658	38.423	ng		96
57) 2,4-Dinitrotoluene	10.263	165	189404	37.409	ng	#	88
58) Fluorene	10.639	166	632820	37.968	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	159645	38.290	ng		100
60) Diethylphthalate	10.498	149	605782	38.012	ng		100
61) 4-Chlorophenyl-phenyle...	10.621	204	315093	38.335	ng		99
62) 4-Nitroaniline	10.645	138	133571	36.782	ng		98
63) Azobenzene	10.786	77	555819	38.343	ng		100
65) 4,6-Dinitro-2-methylph...	10.674	198	96514	39.271	ng		94
66) n-Nitrosodiphenylamine	10.745	169	520692	39.891	ng		99
67) 4-Bromophenyl-phenylether	11.116	248	189599	40.633	ng		100
68) Hexachlorobenzene	11.186	284	206407	40.018	ng		99
69) Atrazine	11.263	200	132252	37.105	ng		100
70) Pentachlorophenol	11.374	266	125636	41.583	ng		99
71) Phenanthrene	11.604	178	799861	38.135	ng		99
72) Anthracene	11.657	178	797698	38.331	ng		100
73) Carbazole	11.810	167	706049	37.140	ng		99
74) Di-n-butylphthalate	12.127	149	802853	38.054	ng		99
75) Fluoranthene	12.798	202	772704	36.295	ng		100
77) Benzidine	12.915	184	182393	57.947	ng		100
78) Pyrene	13.027	202	778581	36.961	ng		100
80) Butylbenzylphthalate	13.633	149	247367	38.932	ng		98
81) Benzo(a)anthracene	14.215	228	591644	38.829	ng		99
82) 3,3'-Dichlorobenzidine	14.174	252	189588	44.897	ng		99
83) Chrysene	14.257	228	565639	38.815	ng		100
84) Bis(2-ethylhexyl)phtha...	14.186	149	339734	42.535	ng		99
85) Di-n-octyl phthalate	14.815	149	538991	49.952	ng		100
87) Indeno(1,2,3-cd)pyrene	17.415	276	727971	43.432	ng		100
88) Benzo(b)fluoranthene	15.321	252	563321	37.292	ng		99
89) Benzo(k)fluoranthene	15.351	252	551677	37.176	ng		99
90) Benzo(a)pyrene	15.721	252	505150	39.163	ng		98
91) Dibenzo(a,h)anthracene	17.439	278	597511	43.147	ng		98
92) Benzo(g,h,i)perylene	17.915	276	637585	43.827	ng		100

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

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