Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
Data File : BF141695.D
Acq On : 20 Feb 2025 10:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 20 11:25:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	80069	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	307804	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	159807	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	248423	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	161001	20.000	ng	-0.02
86) Perylene-d12	15.380	264	169222	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	441858	86.515	ng	-0.01
7) Phenol-d6	6.422	99	532145	82.437	ng	-0.02
23) Nitrobenzene-d5	7.345	82	478870	81.146	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	123790	77.112	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	877999	84.645	ng	-0.01
79) Terphenyl-d14	12.880	244	788158	82.642	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	89846	43.709	ng	97
3) Pyridine	3.199	79	220100	44.997	ng	95
4) n-Nitrosodimethylamine	3.157	42	124552	38.455	ng	90
6) Aniline	6.445	93	243944	40.286	ng	89
8) 2-Chlorophenol	6.569	128	229091	41.512	ng	98
9) Benzaldehyde	6.334	77	115971	33.808	ng	98
10) Phenol	6.440	94	278069	41.388	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	210711	41.755	ng	98
12) 1,3-Dichlorobenzene	6.722	146	243754	41.838	ng	98
13) 1,4-Dichlorobenzene	6.798	146	249777	41.961	ng	99
14) 1,2-Dichlorobenzene	6.951	146	231533	41.908	ng	99
15) Benzyl Alcohol	6.928	79	195453	39.484	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	335285	38.813	ng	84
17) 2-Methylphenol	7.045	107	175745	40.694	ng	99
18) Hexachloroethane	7.292	117	91492	41.531	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	152340	39.454	ng	94
20) 3+4-Methylphenols	7.198	107	226917	41.345	ng	92
22) Acetophenone	7.192	105	315359	41.187	ng	96
24) Nitrobenzene	7.369	77	234613	40.770	ng	97
25) Isophorone	7.604	82	381275	40.520	ng	98
26) 2-Nitrophenol	7.681	139	121854	42.562	ng	96
27) 2,4-Dimethylphenol	7.722	122	141737	42.378	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	252167	41.822	ng	99
29) 2,4-Dichlorophenol	7.928	162	190446	42.143	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	208016	42.270	ng	99
31) Naphthalene	8.087	128	664347	41.464	ng	100
32) Benzoic acid	7.851	122	113529	32.679	ng	97
33) 4-Chloroaniline	8.139	127	231527	41.388	ng	98
34) Hexachlorobutadiene	8.198	225	124264	42.062	ng	99
35) Caprolactam	8.504	113	51705	37.579	ng	93
36) 4-Chloro-3-methylphenol	8.622	107	199883	39.930	ng	99
37) 2-Methylnaphthalene	8.775	142	423811	40.648	ng	100
38) 1-Methylnaphthalene	8.875	142	406073	40.213	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	200663	43.401	ng	99
41) Hexachlorocyclopentadiene	8.928	237	81864	53.235	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	125337	41.944	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	133749	41.300	ng	97
46) 1,1'-Biphenyl	9.239	154	531979	42.938	ng	99
47) 2-Chloronaphthalene	9.263	162	386311	42.166	ng	99
48) 2-Nitroaniline	9.363	65	121965	39.668	ng	97
49) Acenaphthylene	9.675	152	566961	41.606	ng	100
50) Dimethylphthalate	9.539	163	450650	41.539	ng	100
51) 2,6-Dinitrotoluene	9.604	165	97700	41.195	ng	98
52) Acenaphthene	9.845	154	374923	40.925	ng	99
53) 3-Nitroaniline	9.775	138	97555	38.218	ng	95
54) 2,4-Dinitrophenol	9.886	184	48096	34.122	ng	96
55) Dibenzofuran	10.022	168	546331	40.628	ng	98
56) 4-Nitrophenol	9.951	139	88489	46.699	ng	92
57) 2,4-Dinitrotoluene	10.010	165	125002	39.592	ng	99
58) Fluorene	10.363	166	418507	40.252	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	111284	39.913	ng	95
60) Diethylphthalate	10.233	149	431632	40.438	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	208990	41.781	ng	96
62) 4-Nitroaniline	10.386	138	91141	35.163	ng	94
63) Azobenzene	10.516	77	418541	39.443	ng	95
65) 4,6-Dinitro-2-methylph...	10.416	198	65911	38.194	ng	96
66) n-Nitrosodiphenylamine	10.475	169	352830	44.369	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	123058	44.322	ng	99
68) Hexachlorobenzene	10.910	284	126817	44.357	ng	99
69) Atrazine	10.998	200	88654	37.161	ng	99
70) Pentachlorophenol	11.110	266	61677	33.738	ng	99
71) Phenanthrene	11.322	178	571312	41.779	ng	100
72) Anthracene	11.375	178	570964	41.536	ng	100
73) Carbazole	11.533	167	493402	39.891	ng	99
74) Di-n-butylphthalate	11.857	149	593817	41.579	ng	100
75) Fluoranthene	12.510	202	558059	38.493	ng	100
77) Benzidine	12.645	184	140231	39.493	ng	99
78) Pyrene	12.739	202	565805	41.283	ng	99
80) Butylbenzylphthalate	13.357	149	201578	42.463	ng	97
81) Benzo(a)anthracene	13.927	228	444019	41.488	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	127093	41.456	ng	97
83) Chrysene	13.963	228	408984	41.387	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	260689	48.690	ng	99
85) Di-n-octyl phthalate	14.527	149	417202	54.621	ng	98
87) Indeno(1,2,3-cd)pyrene	16.810	276	462093	44.194	ng	99
88) Benzo(b)fluoranthene	14.963	252	432876	38.097	ng	99
89) Benzo(k)fluoranthene	14.992	252	401122	41.342	ng	99
90) Benzo(a)pyrene	15.315	252	380158	41.348	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	375366	44.305	ng	99
92) Benzo(g,h,i)perylene	17.239	276	388751	43.847	ng	99

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

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