Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
Data File : BF138780.D
Acq On : 03 Aug 2024 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 05 00:54:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	48068	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	180882	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	90289	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	130117	20.000	ng		0.00
76) Chrysene-d12	14.010	240	88628	20.000	ng	#	0.00
86) Perylene-d12	15.474	264	112381	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	251812	80.867	ng		0.00
7) Phenol-d6	6.493	99	321964	77.011	ng		0.00
23) Nitrobenzene-d5	7.416	82	303548	82.047	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	58807	79.513	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	535569	89.124	ng		0.00
79) Terphenyl-d14	12.951	244	343294	64.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	57518	42.191	ng		95
3) Pyridine	3.346	79	128285	38.845	ng		95
4) n-Nitrosodimethylamine	3.310	42	79646	40.493	ng		95
6) Aniline	6.510	93	136328	36.564	ng	#	59
8) 2-Chlorophenol	6.640	128	131468	40.128	ng		95
9) Benzaldehyde	6.399	77	94292	37.624	ng		100
10) Phenol	6.504	94	169317	38.465	ng		88
11) bis(2-Chloroethyl)ether	6.587	93	124903	36.873	ng		97
12) 1,3-Dichlorobenzene	6.787	146	148188	40.408	ng		98
13) 1,4-Dichlorobenzene	6.863	146	148073	40.009	ng		99
14) 1,2-Dichlorobenzene	7.016	146	141933	41.035	ng		98
15) Benzyl Alcohol	6.993	79	120701	40.057	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	191397	32.832	ng		85
17) 2-Methylphenol	7.110	107	103270	38.173	ng		95
18) Hexachloroethane	7.357	117	55489	39.831	ng		94
19) n-Nitroso-di-n-propyla...	7.263	70	97064	38.440	ng		97
20) 3+4-Methylphenols	7.263	107	136896	39.440	ng	#	90
22) Acetophenone	7.257	105	183350	41.399	ng	#	98
24) Nitrobenzene	7.434	77	151042	40.121	ng		99
25) Isophorone	7.669	82	245113	38.800	ng		99
26) 2-Nitrophenol	7.745	139	67815	41.869	ng		98
27) 2,4-Dimethylphenol	7.787	122	75926	39.180	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	151688	39.429	ng		99
29) 2,4-Dichlorophenol	7.993	162	100996	40.558	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	120868	42.060	ng		98
31) Naphthalene	8.151	128	381632	40.083	ng		100
32) Benzoic acid	7.916	122	47538	31.206	ng		97
33) 4-Chloroaniline	8.198	127	118684	37.135	ng		98
34) Hexachlorobutadiene	8.263	225	76758	44.098	ng		99
35) Caprolactam	8.581	113	27252	36.677	ng		94
36) 4-Chloro-3-methylphenol	8.687	107	107814	37.884	ng		99
37) 2-Methylnaphthalene	8.840	142	239991	39.912	ng		100
38) 1-Methylnaphthalene	8.940	142	233578	39.642	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	110980	44.248	ng		99
41) Hexachlorocyclopentadiene	8.987	237	17007	30.353	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	64973	42.487	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	68720	41.106	ng	99
46) 1,1'-Biphenyl	9.304	154	296075	41.870	ng	98
47) 2-Chloronaphthalene	9.328	162	217926	41.437	ng	99
48) 2-Nitroaniline	9.428	65	68496	38.418	ng	99
49) Acenaphthylene	9.745	152	303678	40.713	ng	99
50) Dimethylphthalate	9.604	163	234814	40.673	ng	100
51) 2,6-Dinitrotoluene	9.669	165	53877	41.351	ng	97
52) Acenaphthene	9.916	154	199310	39.750	ng	99
53) 3-Nitroaniline	9.839	138	47955	35.604	ng	98
54) 2,4-Dinitrophenol	9.957	184	17649	29.426	ng	93
55) Dibenzofuran	10.087	168	284891	40.251	ng	100
56) 4-Nitrophenol	10.016	139	23541	29.064	ng	94
57) 2,4-Dinitrotoluene	10.075	165	66022	39.717	ng	97
58) Fluorene	10.428	166	224915	39.904	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	48969	38.314	ng	98
60) Diethylphthalate	10.298	149	227075	41.483	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	113578	40.972	ng	99
62) 4-Nitroaniline	10.451	138	46000	35.938	ng	93
63) Azobenzene	10.581	77	226547	37.315	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	30565	38.503	ng	100
66) n-Nitrosodiphenylamine	10.539	169	178721	43.942	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	65982	46.837	ng	94
68) Hexachlorobenzene	10.975	284	63105	43.384	ng	100
69) Atrazine	11.063	200	41110	39.177	ng	98
70) Pentachlorophenol	11.181	266	20581	31.391	ng	98
71) Phenanthrene	11.392	178	272856	40.725	ng	100
72) Anthracene	11.445	178	270809	41.029	ng	100
73) Carbazole	11.598	167	227343	39.923	ng	100
74) Di-n-butylphthalate	11.922	149	304912	47.631	ng	100
75) Fluoranthene	12.580	202	249770	39.932	ng	98
77) Benzidine	12.704	184	38521	18.172	ng	99
78) Pyrene	12.810	202	250936	30.072	ng	100
80) Butylbenzylphthalate	13.422	149	107287	40.150	ng	96
81) Benzo(a)anthracene	13.998	228	236975	38.829	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	74064	47.422	ng	100
83) Chrysene	14.033	228	217709	39.539	ng	100
84) Bis(2-ethylhexyl)phtha...	13.975	149	161142	41.182	ng	98
85) Di-n-octyl phthalate	14.592	149	284289	39.269	ng	97
87) Indeno(1,2,3-cd)pyrene	16.957	276	263406	32.707	ng	97
88) Benzo(b)fluoranthene	15.045	252	277486	39.831	ng	99
89) Benzo(k)fluoranthene	15.074	252	230738	38.254	ng	99
90) Benzo(a)pyrene	15.416	252	233585	39.862	ng	98
91) Dibenzo(a,h)anthracene	16.963	278	216659	32.772	ng	98
92) Benzo(g,h,i)perylene	17.398	276	203300	29.634	ng	96

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

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