Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138540.D
Acq On : 12 Jul 2024 11:53
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 12 12:37:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	106955	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	428334	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	243475	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	416275	20.000	ng	0.00
76) Chrysene-d12	14.027	240	201676	20.000	ng	0.00
86) Perylene-d12	15.492	264	196107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	531713	78.734	ng	0.00
7) Phenol-d6	6.504	99	718604	79.989	ng	0.00
23) Nitrobenzene-d5	7.434	82	691864	79.305	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	182392	80.154	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1210125	77.680	ng	0.00
79) Terphenyl-d14	12.974	244	1042670	84.226	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	118917	39.759	ng	98
3) Pyridine	3.410	79	294025	39.863	ng	98
4) n-Nitrosodimethylamine	3.375	42	184468	38.418	ng	95
6) Aniline	6.534	93	337683	40.130	ng	99
8) 2-Chlorophenol	6.657	128	287914	40.319	ng	99
9) Benzaldehyde	6.416	77	171967	35.762	ng	92
10) Phenol	6.522	94	380375	39.889	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	286428	39.895	ng	100
12) 1,3-Dichlorobenzene	6.810	146	322810	40.217	ng	98
13) 1,4-Dichlorobenzene	6.887	146	322975	39.624	ng	99
14) 1,2-Dichlorobenzene	7.039	146	300978	39.647	ng	98
15) Benzyl Alcohol	7.010	79	267297	39.646	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	538505	38.141	ng	96
17) 2-Methylphenol	7.128	107	232055	39.652	ng	98
18) Hexachloroethane	7.381	117	124538	41.561	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	217305	39.146	ng	94
20) 3+4-Methylphenols	7.281	107	291362	39.535	ng	96
22) Acetophenone	7.281	105	402879	38.727	ng	99
24) Nitrobenzene	7.457	77	353782	39.905	ng	93
25) Isophorone	7.692	82	598910	39.975	ng	98
26) 2-Nitrophenol	7.769	139	158523	41.719	ng	98
27) 2,4-Dimethylphenol	7.804	122	184468	39.499	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	359666	40.169	ng	99
29) 2,4-Dichlorophenol	8.010	162	243489	40.149	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	279686	39.588	ng	99
31) Naphthalene	8.175	128	874071	39.237	ng	100
32) Benzoic acid	7.939	122	181858	40.828	ng	97
33) 4-Chloroaniline	8.222	127	303351	38.810	ng	99
34) Hexachlorobutadiene	8.286	225	174701	40.156	ng	98
35) Caprolactam	8.604	113	76154	38.914	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	269981	39.764	ng	100
37) 2-Methylnaphthalene	8.863	142	564875	39.403	ng	100
38) 1-Methylnaphthalene	8.963	142	551591	39.425	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	267521	39.424	ng	99
41) Hexachlorocyclopentadiene	9.010	237	82815	37.600	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	173318	40.041	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	188874	39.672	ng		98
46) 1,1'-Biphenyl	9.328	154	721908	39.124	ng		100
47) 2-Chloronaphthalene	9.351	162	544193	39.040	ng		99
48) 2-Nitroaniline	9.451	65	187436	38.803	ng		98
49) Acenaphthylene	9.769	152	776196	39.220	ng		99
50) Dimethylphthalate	9.628	163	631381	40.104	ng		99
51) 2,6-Dinitrotoluene	9.692	165	144697	39.917	ng		91
52) Acenaphthene	9.939	154	512068	38.925	ng		98
53) 3-Nitroaniline	9.863	138	143986	38.755	ng		93
54) 2,4-Dinitrophenol	9.969	184	71790	39.416	ng	#	86
55) Dibenzofuran	10.110	168	741647	38.868	ng		99
56) 4-Nitrophenol	10.027	139	102177	37.272	ng		91
57) 2,4-Dinitrotoluene	10.092	165	190955	40.714	ng		98
58) Fluorene	10.451	166	585953	38.810	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	153961	40.976	ng		98
60) Diethylphthalate	10.327	149	614740	40.504	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	299430	39.495	ng		99
62) 4-Nitroaniline	10.475	138	146462	39.340	ng		98
63) Azobenzene	10.604	77	640835	39.272	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	106422	44.276	ng		92
66) n-Nitrosodiphenylamine	10.563	169	497594	39.897	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	176879	41.341	ng		96
68) Hexachlorobenzene	10.998	284	192806	40.564	ng		98
69) Atrazine	11.092	200	152308	36.834	ng		99
70) Pentachlorophenol	11.192	266	112508	40.002	ng		98
71) Phenanthrene	11.416	178	817768	38.885	ng		100
72) Anthracene	11.469	178	818204	39.193	ng		99
73) Carbazole	11.621	167	720608	38.410	ng		99
74) Di-n-butylphthalate	11.945	149	920466	42.565	ng		99
75) Fluoranthene	12.598	202	830324	38.693	ng		98
77) Benzidine	12.721	184	179163	35.211	ng		99
78) Pyrene	12.833	202	820636	40.084	ng		100
80) Butylbenzylphthalate	13.445	149	281290	45.674	ng		96
81) Benzo(a)anthracene	14.015	228	533815	39.447	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	140601	40.322	ng	#	99
83) Chrysene	14.051	228	500199	39.073	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	341421	51.980	ng		98
85) Di-n-octyl phthalate	14.610	149	535502	51.609	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	507535	38.530	ng		100
88) Benzo(b)fluoranthene	15.062	252	430935	39.019	ng		99
89) Benzo(k)fluoranthene	15.092	252	428609	39.792	ng		98
90) Benzo(a)pyrene	15.427	252	383032	39.480	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	421516	39.119	ng		99
92) Benzo(g,h,i)perylene	17.409	276	426905	37.363	ng		97

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

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