Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
Data File : BF138759.D
Acq On : 03 Aug 2024 09:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 05 00:47:38 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	6.851	152	60912	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	273242	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	134563	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	249821	20.000	ng		0.00
76) Chrysene-d12	14.015	240	123992	20.000	ng		0.01
86) Perylene-d12	15.480	264	142150	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	300767	76.221	ng		0.00
7) Phenol-d6	6.492	99	412539	77.869	ng		0.00
23) Nitrobenzene-d5	7.416	82	447653	80.099	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	101081	91.704	ng		0.01
45) 2-Fluorobiphenyl	9.204	172	721271	80.535	ng		0.00
79) Terphenyl-d14	12.957	244	616467	83.242	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	61318	35.494	ng		97
3) Pyridine	3.351	79	140457	33.563	ng		95
4) n-Nitrosodimethylamine	3.304	42	82782	33.213	ng		100
6) Aniline	6.516	93	180105	38.120	ng	#	85
8) 2-Chlorophenol	6.640	128	161117	38.808	ng		98
9) Benzaldehyde	6.404	77	145333	45.762	ng		98
10) Phenol	6.510	94	213603	38.294	ng		79
11) bis(2-Chloroethyl)ether	6.587	93	160678	37.433	ng		99
12) 1,3-Dichlorobenzene	6.792	146	183255	39.433	ng		99
13) 1,4-Dichlorobenzene	6.869	146	189059	40.312	ng		99
14) 1,2-Dichlorobenzene	7.022	146	183927	41.963	ng		99
15) Benzyl Alcohol	6.998	79	160886	42.134	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	297104	40.219	ng		79
17) 2-Methylphenol	7.110	107	144327	42.100	ng		97
18) Hexachloroethane	7.357	117	77495	43.897	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	131612	41.131	ng		98
20) 3+4-Methylphenols	7.263	107	179843	40.888	ng		96
22) Acetophenone	7.263	105	246211	36.801	ng		99
24) Nitrobenzene	7.434	77	225436	39.641	ng		98
25) Isophorone	7.675	82	336359	35.246	ng		99
26) 2-Nitrophenol	7.751	139	87089	35.594	ng		99
27) 2,4-Dimethylphenol	7.786	122	104117	35.566	ng		99
28) bis(2-Chloroethoxy)met...	7.881	93	204392	35.171	ng		99
29) 2,4-Dichlorophenol	7.998	162	141947	37.735	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	171554	39.519	ng		99
31) Naphthalene	8.151	128	569680	39.609	ng		100
32) Benzoic acid	7.922	122	74273	32.276	ng		97
33) 4-Chloroaniline	8.204	127	190747	39.509	ng		98
34) Hexachlorobutadiene	8.263	225	106183	40.383	ng		99
35) Caprolactam	8.586	113	47591	42.400	ng		95
36) 4-Chloro-3-methylphenol	8.692	107	175164	40.745	ng		99
37) 2-Methylnaphthalene	8.845	142	365487	40.237	ng		99
38) 1-Methylnaphthalene	8.939	142	354623	39.841	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	165011	44.144	ng		99
41) Hexachlorocyclopentadiene	8.992	237	29273	33.976	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	102265	44.871	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	97711	39.217	ng	98
46) 1,1'-Biphenyl	9.304	154	414659	39.346	ng	100
47) 2-Chloronaphthalene	9.333	162	302227	38.559	ng	99
48) 2-Nitroaniline	9.433	65	103023	38.772	ng	99
49) Acenaphthylene	9.745	152	433156	38.965	ng	99
50) Dimethylphthalate	9.610	163	351529	40.856	ng	100
51) 2,6-Dinitrotoluene	9.675	165	79111	40.741	ng	98
52) Acenaphthene	9.922	154	293448	39.269	ng	99
53) 3-Nitroaniline	9.845	138	77506	38.611	ng	98
54) 2,4-Dinitrophenol	9.963	184	33217	37.161	ng	94
55) Dibenzofuran	10.092	168	433785	41.122	ng	99
56) 4-Nitrophenol	10.022	139	40886	33.870	ng	97
57) 2,4-Dinitrotoluene	10.080	165	107426	43.362	ng	97
58) Fluorene	10.433	166	379503	45.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	83178	43.667	ng	98
60) Diethylphthalate	10.304	149	391111	47.941	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	187854	45.470	ng	98
62) 4-Nitroaniline	10.457	138	83654	43.852	ng	95
63) Azobenzene	10.586	77	402583	44.493	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	62111	40.752	ng	98
66) n-Nitrosodiphenylamine	10.545	169	311799	39.929	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	106697	39.448	ng	99
68) Hexachlorobenzene	10.980	284	112516	40.289	ng	100
69) Atrazine	11.069	200	77774	38.603	ng	99
70) Pentachlorophenol	11.186	266	41348	32.847	ng	99
71) Phenanthrene	11.398	178	501608	38.994	ng	100
72) Anthracene	11.451	178	502163	39.626	ng	100
73) Carbazole	11.604	167	424624	38.838	ng	99
74) Di-n-butylphthalate	11.927	149	542592	44.146	ng	100
75) Fluoranthene	12.586	202	470577	39.185	ng	99
77) Benzidine	12.710	184	95857	32.322	ng	100
78) Pyrene	12.816	202	466753	39.981	ng	99
80) Butylbenzylphthalate	13.427	149	168520	45.078	ng	99
81) Benzo(a)anthracene	14.004	228	331740	38.853	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	95916	43.897	ng	100
83) Chrysene	14.039	228	309569	40.187	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	239639	43.775	ng	99
85) Di-n-octyl phthalate	14.598	149	411493	40.628	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	401707	39.433	ng	98
88) Benzo(b)fluoranthene	15.057	252	342652	38.885	ng	98
89) Benzo(k)fluoranthene	15.080	252	293838	38.513	ng	100
90) Benzo(a)pyrene	15.421	252	294512	39.734	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	326983	39.102	ng	99
92) Benzo(g,h,i)perylene	17.415	276	341582	39.364	ng	98

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

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