Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140564.D
Acq On : 22 Nov 2024 09:20
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 22 10:52:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98979	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364482	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	206333	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	385080	20.000	ng	0.00
76) Chrysene-d12	14.051	240	243124	20.000	ng	0.00
86) Perylene-d12	15.539	264	183783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	449862	77.548	ng	0.00
7) Phenol-d6	6.510	99	585888	76.395	ng	0.00
23) Nitrobenzene-d5	7.440	82	555186	77.913	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	176575	80.016	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1086436	78.452	ng	0.00
79) Terphenyl-d14	12.986	244	1172885	75.119	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	95142	39.008	ng	99
3) Pyridine	3.416	79	220718	41.129	ng	98
4) n-Nitrosodimethylamine	3.375	42	121887	38.644	ng	99
6) Aniline	6.534	93	218576	40.492	ng	93
8) 2-Chlorophenol	6.663	128	239993	38.454	ng	96
9) Benzaldehyde	6.422	77	145818	35.916	ng	99
10) Phenol	6.528	94	304655	38.898	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	228554	38.134	ng	99
12) 1,3-Dichlorobenzene	6.810	146	269803	38.473	ng	99
13) 1,4-Dichlorobenzene	6.887	146	271832	38.282	ng	99
14) 1,2-Dichlorobenzene	7.045	146	256890	38.609	ng	100
15) Benzyl Alcohol	7.016	79	223719	39.336	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	273030	38.561	ng	85
17) 2-Methylphenol	7.128	107	192886	38.608	ng	97
18) Hexachloroethane	7.381	117	102589	38.683	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	175786	38.784	ng	98
20) 3+4-Methylphenols	7.281	107	247253	38.504	ng	97
22) Acetophenone	7.281	105	343958	38.708	ng	99
24) Nitrobenzene	7.457	77	284668	38.653	ng	99
25) Isophorone	7.692	82	466575	39.257	ng	100
26) 2-Nitrophenol	7.769	139	128651	39.419	ng	99
27) 2,4-Dimethylphenol	7.810	122	159540	40.856	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	288381	39.829	ng	100
29) 2,4-Dichlorophenol	8.016	162	205005	39.620	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	233698	39.557	ng	99
31) Naphthalene	8.175	128	736487	39.229	ng	99
32) Benzoic acid	7.934	122	133561	40.607	ng	99
33) 4-Chloroaniline	8.228	127	219861	39.114	ng	100
34) Hexachlorobutadiene	8.287	225	157302	40.199	ng	99
35) Caprolactam	8.598	113	63576	39.703	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	230419	39.773	ng	100
37) 2-Methylnaphthalene	8.863	142	473317	39.693	ng	100
38) 1-Methylnaphthalene	8.963	142	463045	39.616	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	236415	39.139	ng	99
41) Hexachlorocyclopentadiene	9.016	237	49770	40.607	ng	96
43) 2,4,6-Trichlorophenol	9.145	196	150477	39.701	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	164121	39.898	ng	98
46) 1,1'-Biphenyl	9.328	154	602649	39.120	ng	99
47) 2-Chloronaphthalene	9.357	162	456006	39.066	ng	99
48) 2-Nitroaniline	9.457	65	146702	39.155	ng	97
49) Acenaphthylene	9.775	152	687948	39.007	ng	99
50) Dimethylphthalate	9.633	163	535148	39.381	ng	99
51) 2,6-Dinitrotoluene	9.698	165	121734	39.500	ng	95
52) Acenaphthene	9.945	154	438247	39.108	ng	99
53) 3-Nitroaniline	9.869	138	118121	39.187	ng	97
54) 2,4-Dinitrophenol	9.981	184	58446	40.859	ng	95
55) Dibenzofuran	10.116	168	663674	38.827	ng	99
56) 4-Nitrophenol	10.039	139	80448	39.134	ng	95
57) 2,4-Dinitrotoluene	10.104	165	163170	39.837	ng	98
58) Fluorene	10.463	166	533455	38.881	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	133738	42.303	ng	95
60) Diethylphthalate	10.328	149	548595	39.734	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	266684	39.607	ng	99
62) 4-Nitroaniline	10.486	138	124175	39.279	ng	97
63) Azobenzene	10.610	77	511643	39.132	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	87531	44.482	ng	96
66) n-Nitrosodiphenylamine	10.569	169	445172	39.092	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	162227	40.907	ng	98
68) Hexachlorobenzene	11.010	284	183520	39.966	ng	98
69) Atrazine	11.098	200	131071	40.913	ng	99
70) Pentachlorophenol	11.210	266	90374	44.717	ng	99
71) Phenanthrene	11.428	178	713621	38.552	ng	100
72) Anthracene	11.480	178	715801	39.532	ng	100
73) Carbazole	11.633	167	685005	39.326	ng	100
74) Di-n-butylphthalate	11.957	149	835919	41.568	ng	99
75) Fluoranthene	12.616	202	809661	40.287	ng	99
77) Benzidine	12.739	184	284179	40.202	ng	99
78) Pyrene	12.851	202	823809	36.647	ng	99
80) Butylbenzylphthalate	13.457	149	331503	40.936	ng	97
81) Benzo(a)anthracene	14.039	228	616069	38.280	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	187746	38.855	ng	98
83) Chrysene	14.080	228	578175	39.289	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	452759	44.277	ng	100
85) Di-n-octyl phthalate	14.639	149	659978	47.227	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	439044	36.657	ng	99
88) Benzo(b)fluoranthene	15.104	252	512765	44.420	ng	100
89) Benzo(k)fluoranthene	15.133	252	396860	39.286	ng	100
90) Benzo(a)pyrene	15.480	252	376344	40.097	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	369510	37.672	ng	99
92) Benzo(g,h,i)perylene	17.504	276	364420	36.409	ng	99

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

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