Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
Data File : BF137569.D
Acq On : 11 Mar 2024 21:50
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 12 02:08:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	229640	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	848969	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	395665	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	581167	20.000	ng	0.00
76) Chrysene-d12	14.098	240	414608	20.000	ng	0.00
86) Perylene-d12	15.645	264	362064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1249033	82.377	ng	0.00
7) Phenol-d6	6.557	99	1702941	77.808	ng	0.00
23) Nitrobenzene-d5	7.469	82	1493664	81.748	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	250802	72.181	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2104117	83.245	ng	0.00
79) Terphenyl-d14	13.033	244	1932303	64.088	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	333096	40.178	ng	98
3) Pyridine	3.569	79	865932	43.308	ng	99
4) n-Nitrosodimethylamine	3.563	42	322511	40.467	ng	95
6) Aniline	6.581	93	1066721	39.888	ng	99
8) 2-Chlorophenol	6.698	128	641700	40.125	ng	97
9) Benzaldehyde	6.469	77	468173	43.663	ng	97
10) Phenol	6.569	94	922965	39.180	ng	91
11) bis(2-Chloroethyl)ether	6.651	93	693263	40.160	ng	99
12) 1,3-Dichlorobenzene	6.845	146	684488	40.054	ng	98
13) 1,4-Dichlorobenzene	6.922	146	698791	39.966	ng	98
14) 1,2-Dichlorobenzene	7.075	146	627207	39.082	ng	98
15) Benzyl Alcohol	7.051	79	573261	42.073	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1135370	38.263	ng	98
17) 2-Methylphenol	7.163	107	581679	38.870	ng	99
18) Hexachloroethane	7.410	117	231587	40.225	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	506211	37.455	ng	99
20) 3+4-Methylphenols	7.316	107	646419	37.717	ng	97
22) Acetophenone	7.316	105	829562	40.385	ng	98
24) Nitrobenzene	7.486	77	757167	41.252	ng	98
25) Isophorone	7.722	82	1378716	39.718	ng	99
26) 2-Nitrophenol	7.798	139	324749	44.565	ng	95
27) 2,4-Dimethylphenol	7.839	122	552198	40.555	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	843643	41.422	ng	100
29) 2,4-Dichlorophenol	8.039	162	505465	40.448	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	538638	40.959	ng	99
31) Naphthalene	8.198	128	1748815	38.393	ng	100
32) Benzoic acid	7.963	122	252855	34.314	ng	98
33) 4-Chloroaniline	8.251	127	683151	38.248	ng	99
34) Hexachlorobutadiene	8.316	225	323636	41.685	ng	99
35) Caprolactam	8.628	113	161729m	38.167	ng	
36) 4-Chloro-3-methylphenol	8.733	107	517489	37.047	ng	97
37) 2-Methylnaphthalene	8.886	142	1080886	37.223	ng	99
38) 1-Methylnaphthalene	8.986	142	989560	36.187	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	497751	45.062	ng	99
41) Hexachlorocyclopentadiene	9.039	237	101872	28.512	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	315667	43.884	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	342852	41.376	ng		96
46) 1,1'-Biphenyl	9.357	154	1248946	43.128	ng		98
47) 2-Chloronaphthalene	9.380	162	932442	42.232	ng		99
48) 2-Nitroaniline	9.480	65	331171	44.130	ng		97
49) Acenaphthylene	9.798	152	1400472	39.635	ng		99
50) Dimethylphthalate	9.663	163	1198234	43.504	ng		99
51) 2,6-Dinitrotoluene	9.727	165	243244	42.224	ng		86
52) Acenaphthene	9.969	154	820324	38.888	ng		99
53) 3-Nitroaniline	9.898	138	255118	41.867	ng		90
54) 2,4-Dinitrophenol	10.004	184	29553	17.661	ng		92
55) Dibenzofuran	10.139	168	1227190	38.196	ng		100
56) 4-Nitrophenol	10.063	139	138799	34.731	ng		91
57) 2,4-Dinitrotoluene	10.127	165	279717	39.521	ng		96
58) Fluorene	10.486	166	879068	35.627	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	246256	37.060	ng		94
60) Diethylphthalate	10.363	149	1051525	40.429	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	454297	37.568	ng		97
62) 4-Nitroaniline	10.516	138	213116m	40.692	ng		
63) Azobenzene	10.639	77	1090071	36.397	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	68786	21.236	ng		89
66) n-Nitrosodiphenylamine	10.604	169	804230	42.974	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	272330	43.023	ng		99
68) Hexachlorobenzene	11.033	284	261061	40.833	ng		98
69) Atrazine	11.133	200	244288	42.940	ng		97
70) Pentachlorophenol	11.233	266	160497	41.527	ng		99
71) Phenanthrene	11.457	178	1230947	38.919	ng		100
72) Anthracene	11.504	178	1290289	39.721	ng		100
73) Carbazole	11.669	167	1121697	40.313	ng		99
74) Di-n-butylphthalate	12.004	149	1419943	42.892	ng		100
75) Fluoranthene	12.651	202	1273589	41.195	ng		100
77) Benzidine	12.786	184	494018	48.689	ng		98
78) Pyrene	12.880	202	1312691	32.267	ng		99
80) Butylbenzylphthalate	13.515	149	519143	49.967	ng		99
81) Benzo(a)anthracene	14.086	228	1136500	39.109	ng		100
82) 3,3'-Dichlorobenzidine	14.051	252	424454	54.849	ng		98
83) Chrysene	14.121	228	1172521	39.922	ng		99
84) Bis(2-ethylhexyl)phtha...	14.086	149	714261	54.088	ng	#	99
85) Di-n-octyl phthalate	14.715	149	1394867	54.011	ng		97
87) Indeno(1,2,3-cd)pyrene	17.286	276	816096	34.252	ng		99
88) Benzo(b)fluoranthene	15.186	252	918341	42.878	ng		98
89) Benzo(k)fluoranthene	15.215	252	945656	41.108	ng		99
90) Benzo(a)pyrene	15.580	252	860703	40.780	ng		99
91) Dibenzo(a,h)anthracene	17.309	278	679056	35.133	ng		98
92) Benzo(g,h,i)perylene	17.780	276	661304	33.316	ng		99

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

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