Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF138988.D
Acq On : 14 Aug 2024 12:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 12:36:19 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	46569	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	180395	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	100753	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	170882	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	83079	20.000	ng	0.00
86) Perylene-d12	15.462	264	87305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	238261	78.978	ng	0.00
7) Phenol-d6	6.487	99	317188	78.311	ng	0.00
23) Nitrobenzene-d5	7.410	82	310197	84.071	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	65588	79.472	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	554400	82.676	ng	-0.01
79) Terphenyl-d14	12.939	244	408271	82.278	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	47110	35.669	ng	# 93
3) Pyridine	3.334	79	118879	37.156	ng	93
4) n-Nitrosodimethylamine	3.304	42	86150	45.210	ng	# 80
6) Aniline	6.504	93	138167	38.250	ng	# 55
8) 2-Chlorophenol	6.628	128	124880	39.344	ng	98
9) Benzaldehyde	6.392	77	79598	32.783	ng	100
10) Phenol	6.498	94	164246	38.514	ng	79
11) bis(2-Chloroethyl)ether	6.575	93	118703	36.171	ng	100
12) 1,3-Dichlorobenzene	6.775	146	137294	38.642	ng	97
13) 1,4-Dichlorobenzene	6.857	146	141561	39.481	ng	98
14) 1,2-Dichlorobenzene	7.010	146	131427	39.221	ng	99
15) Benzyl Alcohol	6.987	79	120359	41.229	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	198801	35.200	ng	52
17) 2-Methylphenol	7.104	107	100716	38.428	ng	# 90
18) Hexachloroethane	7.345	117	53609	39.720	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	97551	39.876	ng	96
20) 3+4-Methylphenols	7.257	107	135810	40.386	ng	92
22) Acetophenone	7.251	105	189628	42.932	ng	99
24) Nitrobenzene	7.428	77	156466	41.674	ng	98
25) Isophorone	7.663	82	253087	40.170	ng	99
26) 2-Nitrophenol	7.739	139	64715	40.063	ng	94
27) 2,4-Dimethylphenol	7.781	122	77034	39.859	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	145855	38.016	ng	98
29) 2,4-Dichlorophenol	7.986	162	100855	40.610	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	115653	40.354	ng	99
31) Naphthalene	8.139	128	381268	40.153	ng	100
32) Benzoic acid	7.928	122	45176m	29.736	ng	
33) 4-Chloroaniline	8.198	127	122579	38.457	ng	98
34) Hexachlorobutadiene	8.251	225	74090	42.681	ng	98
35) Caprolactam	8.575	113	32178m	43.423	ng	
36) 4-Chloro-3-methylphenol	8.686	107	120444	42.436	ng	99
37) 2-Methylnaphthalene	8.828	142	245717	40.974	ng	100
38) 1-Methylnaphthalene	8.928	142	241962	41.175	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	112930	40.349	ng	98
41) Hexachlorocyclopentadiene	8.975	237	20861	32.674	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	66716	39.096	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.163	196	72737	38.990	ng		98
46)	1,1'-Biphenyl	9.292	154	314999	39.920	ng		99
47)	2-Chloronaphthalene	9.322	162	230293	39.241	ng		98
48)	2-Nitroaniline	9.422	65	84279	42.361	ng		92
49)	Acenaphthylene	9.733	152	327703	39.371	ng		100
50)	Dimethylphthalate	9.592	163	267963	41.594	ng		99
51)	2,6-Dinitrotoluene	9.663	165	60318	41.487	ng	#	85
52)	Acenaphthene	9.904	154	221840	39.648	ng		99
53)	3-Nitroaniline	9.839	138	57785	38.446	ng		93
54)	2,4-Dinitrophenol	9.957	184	24129	36.052	ng		86
55)	Dibenzofuran	10.075	168	319282	40.425	ng		98
56)	4-Nitrophenol	10.016	139	43088	47.672	ng		88
57)	2,4-Dinitrotoluene	10.075	165	79095	42.640	ng	#	78
58)	Fluorene	10.422	166	264679	42.082	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.204	232	55371	38.824	ng		96
60)	Diethylphthalate	10.292	149	266725	43.665	ng		100
61)	4-Chlorophenyl-phenyle...	10.410	204	128294	41.474	ng		97
62)	4-Nitroaniline	10.451	138	57048	39.940	ng	#	82
63)	Azobenzene	10.569	77	274490	40.516	ng		95
65)	4,6-Dinitro-2-methylph...	10.486	198	38536	36.964	ng		95
66)	n-Nitrosodiphenylamine	10.533	169	212563	39.795	ng		99
67)	4-Bromophenyl-phenylether	10.898	248	72344	39.102	ng		97
68)	Hexachlorobenzene	10.969	284	75615	39.584	ng		99
69)	Atrazine	11.057	200	51899	37.660	ng		99
70)	Pentachlorophenol	11.174	266	32173	37.365	ng		99
71)	Phenanthrene	11.380	178	352327	40.041	ng		100
72)	Anthracene	11.433	178	344553	39.749	ng		100
73)	Carbazole	11.592	167	290496	38.844	ng		99
74)	Di-n-butylphthalate	11.910	149	366466	43.590	ng		99
75)	Fluoranthene	12.569	202	319496	38.894	ng		99
77)	Benzidine	12.698	184	70708	35.583	ng		100
78)	Pyrene	12.798	202	316221	40.426	ng		100
80)	Butylbenzylphthalate	13.410	149	104111	41.563	ng		99
81)	Benzo(a)anthracene	13.986	228	218644	38.218	ng		100
82)	3,3'-Dichlorobenzidine	13.951	252	60294	41.184	ng		99
83)	Chrysene	14.027	228	211974	41.069	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.963	149	134893	36.776	ng		98
85)	Di-n-octyl phthalate	14.574	149	223969	33.003	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.939	276	230050	36.769	ng		96
88)	Benzo(b)fluoranthene	15.033	252	225713	41.706	ng		98
89)	Benzo(k)fluoranthene	15.062	252	186532	39.808	ng		99
90)	Benzo(a)pyrene	15.404	252	186317	40.928	ng		98
91)	Dibenzo(a,h)anthracene	16.945	278	189073	36.814	ng		96
92)	Benzo(g,h,i)perylene	17.380	276	190583	35.760	ng		96

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

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