Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135277.D
Acq On : 15 Sep 2023 14:02
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 14:41:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	109407	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	433888	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	219446	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	406079	20.000	ng	0.00
76) Chrysene-d12	13.945	240	168841	20.000	ng	0.00
86) Perylene-d12	15.410	264	208709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	475499	70.688	ng	0.00
7) Phenol-d6	6.404	99	639924	74.815	ng	0.00
23) Nitrobenzene-d5	7.328	82	609942	76.374	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	156573	71.797	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1074530	73.875	ng	0.00
79) Terphenyl-d14	12.886	244	936505	85.984	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	111306	37.745	ng	98
3) Pyridine	3.222	79	292054	36.799	ng	94
4) n-Nitrosodimethylamine	3.187	42	168836	40.089	ng	92
6) Aniline	6.428	93	417705	37.240	ng	96
8) 2-Chlorophenol	6.546	128	277098	38.588	ng	99
9) Benzaldehyde	6.316	77	176367	36.195	ng	100
10) Phenol	6.416	94	348277	37.133	ng	93
11) bis(2-Chloroethyl)ether	6.504	93	265032	37.671	ng	97
12) 1,3-Dichlorobenzene	6.698	146	282597	38.724	ng	99
13) 1,4-Dichlorobenzene	6.781	146	283215	38.144	ng	97
14) 1,2-Dichlorobenzene	6.928	146	261328	37.900	ng	99
15) Benzyl Alcohol	6.910	79	234595	38.221	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.040	45	500121	37.713	ng	98
17) 2-Methylphenol	7.022	107	241224	38.067	ng	98
18) Hexachloroethane	7.269	117	105315	38.388	ng	97
19) n-Nitroso-di-n-propyla...	7.181	70	192808	36.393	ng	98
20) 3+4-Methylphenols	7.175	107	282599	37.088	ng	94
22) Acetophenone	7.175	105	365715	36.867	ng	98
24) Nitrobenzene	7.345	77	302285	38.295	ng	98
25) Isophorone	7.587	82	543160	37.038	ng	100
26) 2-Nitrophenol	7.663	139	145918	38.516	ng	93
27) 2,4-Dimethylphenol	7.698	122	237393	37.279	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	324777	37.002	ng	100
29) 2,4-Dichlorophenol	7.904	162	225799	38.266	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	234339	37.995	ng	97
31) Naphthalene	8.063	128	795090	37.715	ng	100
32) Benzoic acid	7.834	122	164175m	34.238	ng	
33) 4-Chloroaniline	8.116	127	345504	37.355	ng	99
34) Hexachlorobutadiene	8.175	225	141598	38.075	ng	99
35) Caprolactam	8.492	113	72588m	36.654	ng	
36) 4-Chloro-3-methylphenol	8.604	107	245839	37.486	ng	97
37) 2-Methylnaphthalene	8.751	142	522928	36.902	ng	98
38) 1-Methylnaphthalene	8.851	142	486486	36.668	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	240467	37.824	ng	99
41) Hexachlorocyclopentadiene	8.904	237	109990	43.024	ng	99
43) 2,4,6-Trichlorophenol	9.034	196	158345	38.040	ng	96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.081	196	178306	37.196	ng		96
46)	1,1'-Biphenyl	9.222	154	632893	37.529	ng		99
47)	2-Chloronaphthalene	9.245	162	456417	37.302	ng		98
48)	2-Nitroaniline	9.345	65	182422	38.376	ng		96
49)	Acenaphthylene	9.663	152	761082	37.427	ng		100
50)	Dimethylphthalate	9.528	163	545953	36.797	ng		99
51)	2,6-Dinitrotoluene	9.592	165	120148	36.966	ng		92
52)	Acenaphthene	9.834	154	446398	37.160	ng		98
53)	3-Nitroaniline	9.763	138	139820	36.648	ng		96
54)	2,4-Dinitrophenol	9.875	184	54516	33.486	ng		95
55)	Dibenzofuran	10.004	168	669088	36.499	ng		97
56)	4-Nitrophenol	9.928	139	84356	34.789	ng		96
57)	2,4-Dinitrotoluene	9.998	165	149591	36.763	ng		95
58)	Fluorene	10.351	166	522895	37.104	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.128	232	132124	35.831	ng		98
60)	Diethylphthalate	10.228	149	540507	36.300	ng		99
61)	4-Chlorophenyl-phenyle...	10.339	204	247598	36.575	ng		98
62)	4-Nitroaniline	10.381	138	132954	36.253	ng		97
63)	Azobenzene	10.504	77	542016	37.194	ng		97
65)	4,6-Dinitro-2-methylph...	10.410	198	80663	37.399	ng		99
66)	n-Nitrosodiphenylamine	10.463	169	476269	38.740	ng		99
67)	4-Bromophenyl-phenylether	10.833	248	156683	38.795	ng		98
68)	Hexachlorobenzene	10.898	284	158587	38.543	ng		94
69)	Atrazine	10.998	200	117420	35.496	ng		98
70)	Pentachlorophenol	11.098	266	87125	35.392	ng		99
71)	Phenanthrene	11.316	178	726506	37.827	ng		100
72)	Anthracene	11.369	178	753251	38.156	ng		100
73)	Carbazole	11.528	167	661610	36.815	ng		99
74)	Di-n-butylphthalate	11.863	149	775753	36.633	ng		99
75)	Fluoranthene	12.510	202	710265	35.492	ng		99
77)	Benzidine	12.633	184	132114	38.194	ng		99
78)	Pyrene	12.739	202	702388	43.695	ng		99
80)	Butylbenzylphthalate	13.369	149	229348	40.523	ng		95
81)	Benzo(a)anthracene	13.933	228	418717	38.406	ng		99
82)	3,3'-Dichlorobenzidine	13.898	252	137561	40.394	ng	#	96
83)	Chrysene	13.974	228	415176	38.302	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.927	149	237032	40.812	ng	#	100
85)	Di-n-octyl phthalate	14.545	149	402353	43.593	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.892	276	467218	34.143	ng		97
88)	Benzo(b)fluoranthene	14.986	252	396154	35.064	ng		99
89)	Benzo(k)fluoranthene	15.016	252	401092	35.938	ng		99
90)	Benzo(a)pyrene	15.351	252	407871	37.856	ng		99
91)	Dibenzo(a,h)anthracene	16.910	278	376261	33.604	ng	#	96
92)	Benzo(g,h,i)perylene	17.339	276	398097	34.044	ng		99

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

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