Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
Data File : BF132242.D
Acq On : 31 Jan 2023 21:49
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 01 05:32:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
02/01/2023
Supervised By :Jagrut Upadhyay
02/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	173246	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	639024	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	315285	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	584082	20.000	ng	0.00
76) Chrysene-d12	14.283	240	396106	20.000	ng	# 0.00
86) Perylene-d12	15.871	264	383098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	857822	79.590	ng	0.00
7) Phenol-d6	6.684	99	1056102	79.479	ng	0.00
23) Nitrobenzene-d5	7.637	82	909644	79.213	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	259146	79.927	ng	0.00
45) 2-Fluorobiphenyl	9.436	172	1494982	73.224	ng	0.00
79) Terphenyl-d14	13.213	244	1556686	76.022	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.960	88	201590	39.750	ng	99
3) Pyridine	3.731	79	552944	40.190	ng	99
4) n-Nitrosodimethylamine	3.690	42	173102	39.320	ng	98
6) Aniline	6.731	93	709549	39.351	ng	98
8) 2-Chlorophenol	6.854	128	449977	40.310	ng	100
9) Benzaldehyde	6.625	77	299445	40.441	ng	98
10) Phenol	6.695	94	544531	39.592	ng	99
11) bis(2-Chloroethyl)ether	6.801	93	452928	40.015	ng	99
12) 1,3-Dichlorobenzene	7.013	146	473615	40.115	ng	99
13) 1,4-Dichlorobenzene	7.090	146	479123	40.655	ng	99
14) 1,2-Dichlorobenzene	7.242	146	441149	40.138	ng	99
15) Benzyl Alcohol	7.201	79	387285	39.944	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.337	45	466385	39.108	ng	99
17) 2-Methylphenol	7.307	107	394369	40.359	ng	100
18) Hexachloroethane	7.584	117	181720	41.103	ng	92
19) n-Nitroso-di-n-propyla...	7.478	70	285801	37.866	ng	98
20) 3+4-Methylphenols	7.460	107	499991	40.090	ng	98
22) Acetophenone	7.478	105	585639	38.970	ng	100
24) Nitrobenzene	7.654	77	465618	39.689	ng	98
25) Isophorone	7.889	82	854202	39.191	ng	100
26) 2-Nitrophenol	7.966	139	243047	42.532	ng	99
27) 2,4-Dimethylphenol	7.995	122	398950	39.886	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	531023	39.646	ng	100
29) 2,4-Dichlorophenol	8.207	162	357493	40.257	ng	97
30) 1,2,4-Trichlorobenzene	8.295	180	382469	40.220	ng	97
31) Naphthalene	8.378	128	1250551	39.757	ng	99
32) Benzoic acid	8.089	122	308353m	41.648	ng	
33) 4-Chloroaniline	8.425	127	553893	39.711	ng	99
34) Hexachlorobutadiene	8.495	225	217803	40.742	ng	99
35) Caprolactam	8.795	113	120679	39.862	ng	97
36) 4-Chloro-3-methylphenol	8.889	107	386318	40.380	ng	99
37) 2-Methylnaphthalene	9.072	142	849019	39.849	ng	99
38) 1-Methylnaphthalene	9.172	142	791730	39.986	ng	99
40) 1,2,4,5-Tetrachloroben...	9.236	216	354848	39.994	ng	99
41) Hexachlorocyclopentadiene	9.225	237	218543	42.218	ng	100
43) 2,4,6-Trichlorophenol	9.342	196	253236	39.928	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	294975	40.408	ng	100
46) 1,1'-Biphenyl	9.536	154	959721	39.484	ng	99
47) 2-Chloronaphthalene	9.566	162	726243	39.228	ng	99
48) 2-Nitroaniline	9.654	65	219694	39.902	ng	97
49) Acenaphthylene	9.983	152	1193262	39.493	ng	99
50) Dimethylphthalate	9.831	163	868912	39.399	ng	98
51) 2,6-Dinitrotoluene	9.895	165	202724	41.158	ng	98
52) Acenaphthene	10.160	154	755321	39.930	ng	99
53) 3-Nitroaniline	10.072	138	244334	40.904	ng	98
54) 2,4-Dinitrophenol	10.172	184	107160	39.829	ng	96
55) Dibenzofuran	10.331	168	1051923	39.579	ng	98
56) 4-Nitrophenol	10.207	139	188975	42.042	ng	89
57) 2,4-Dinitrotoluene	10.301	165	265968	41.568	ng	95
58) Fluorene	10.678	166	800914	39.156	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	217175	40.809	ng	99
60) Diethylphthalate	10.536	149	883210	40.256	ng	99
61) 4-Chlorophenyl-phenyle...	10.666	204	381988	39.350	ng	97
62) 4-Nitroaniline	10.689	138	229660	40.094	ng	99
63) Azobenzene	10.825	77	832737	38.966	ng	100
65) 4,6-Dinitro-2-methylph...	10.713	198	143854	43.395	ng	96
66) n-Nitrosodiphenylamine	10.783	169	705260	38.561	ng	99
67) 4-Bromophenyl-phenylether	11.160	248	234438	39.197	ng	97
68) Hexachlorobenzene	11.225	284	248541	38.879	ng	99
69) Atrazine	11.301	200	216151	41.088	ng	98
70) Pentachlorophenol	11.413	266	181879	41.408	ng	99
71) Phenanthrene	11.648	178	1180968	38.693	ng	99
72) Anthracene	11.701	178	1205436	38.808	ng	100
73) Carbazole	11.848	167	1082281	38.859	ng	99
74) Di-n-butylphthalate	12.172	149	1311926	39.844	ng	100
75) Fluoranthene	12.842	202	1236249	39.691	ng	98
77) Benzidine	12.960	184	470595	33.982	ng	99
78) Pyrene	13.077	202	1248278	39.181	ng	99
80) Butylbenzylphthalate	13.689	149	566433	40.242	ng	99
81) Benzo(a)anthracene	14.271	228	1103249	39.822	ng	99
82) 3,3'-Dichlorobenzidine	14.230	252	356016	40.347	ng	99
83) Chrysene	14.313	228	1015764	39.156	ng	99
84) Bis(2-ethylhexyl)phtha...	14.242	149	768889	40.413	ng	100
85) Di-n-octyl phthalate	14.877	149	1270590	40.944	ng	99
87) Indeno(1,2,3-cd)pyrene	17.524	276	1029055	40.426	ng	99
88) Benzo(b)fluoranthene	15.395	252	960444	39.441	ng	99
89) Benzo(k)fluoranthene	15.430	252	979144	42.124	ng	98
90) Benzo(a)pyrene	15.807	252	912750	40.252	ng	99
91) Dibenzo(a,h)anthracene	17.542	278	836203	40.858	ng	99
92) Benzo(g,h,i)perylene	18.030	276	844760	39.954	ng	98

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

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