Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
Data File : BF132892.D
Acq On : 17 Apr 2023 16:35
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF041723

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 04:56:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	305790	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1177891	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	589649	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1029235	20.000	ng	0.00
76) Chrysene-d12	13.927	240	682433	20.000	ng	0.00
86) Perylene-d12	15.351	264	692912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1614144	82.540	ng	0.00
7) Phenol-d6	6.398	99	2064907	82.748	ng	0.00
23) Nitrobenzene-d5	7.333	82	1862464	82.419	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	513324	86.795	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	3030721	78.960	ng	0.00
79) Terphenyl-d14	12.874	244	3254088	81.352	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.451	88	389870	40.857	ng	99
3) Pyridine	3.157	79	1091458	41.822	ng	98
4) n-Nitrosodimethylamine	3.116	42	517899	41.764	ng	100
6) Aniline	6.434	93	1383532	41.807	ng	99
8) 2-Chlorophenol	6.551	128	822030	41.434	ng	99
9) Benzaldehyde	6.310	77	571690	38.720	ng	95
10) Phenol	6.410	94	1155487	41.182	ng	99
11) bis(2-Chloroethyl)ether	6.504	93	870023	41.058	ng	100
12) 1,3-Dichlorobenzene	6.710	146	882112	40.452	ng	99
13) 1,4-Dichlorobenzene	6.786	146	891530	40.802	ng	98
14) 1,2-Dichlorobenzene	6.939	146	820018	40.194	ng	99
15) Benzyl Alcohol	6.910	79	743151	43.454	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1515536	41.334	ng	100
17) 2-Methylphenol	7.022	107	756306	41.621	ng	99
18) Hexachloroethane	7.281	117	314069	41.417	ng	100
19) n-Nitroso-di-n-propyla...	7.192	70	646754	41.522	ng	99
20) 3+4-Methylphenols	7.175	107	890060	41.441	ng	98
22) Acetophenone	7.181	105	1100998	39.845	ng	99
24) Nitrobenzene	7.351	77	959108	41.409	ng	98
25) Isophorone	7.592	82	1747408	40.767	ng	99
26) 2-Nitrophenol	7.669	139	414946	47.489	ng	100
27) 2,4-Dimethylphenol	7.710	122	734496	41.209	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	1036811	40.457	ng	99
29) 2,4-Dichlorophenol	7.910	162	691437	41.677	ng	100
30) 1,2,4-Trichlorobenzene	7.992	180	730885	40.802	ng	98
31) Naphthalene	8.075	128	2397778	40.283	ng	100
32) Benzoic acid	7.822	122	422347m	47.253	ng	
33) 4-Chloroaniline	8.122	127	998787	40.969	ng	99
34) Hexachlorobutadiene	8.198	225	421322	41.113	ng	99
35) Caprolactam	8.498	113	220971	44.726	ng	95
36) 4-Chloro-3-methylphenol	8.598	107	723280	41.536	ng	99
37) 2-Methylnaphthalene	8.763	142	1639222	40.011	ng	99
38) 1-Methylnaphthalene	8.863	142	1549569	40.592	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	686248	41.147	ng	100
41) Hexachlorocyclopentadiene	8.922	237	395971	45.045	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	457611	43.284	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	525955	42.544	ng	98
46) 1,1'-Biphenyl	9.233	154	1906625	40.789	ng	99
47) 2-Chloronaphthalene	9.257	162	1411470	40.804	ng	99
48) 2-Nitroaniline	9.345	65	461945	46.162	ng	99
49) Acenaphthylene	9.669	152	2250429	40.790	ng	100
50) Dimethylphthalate	9.533	163	1676675	41.129	ng	100
51) 2,6-Dinitrotoluene	9.592	165	387333	43.336	ng	96
52) Acenaphthene	9.839	154	1458863	41.034	ng	99
53) 3-Nitroaniline	9.757	138	445988	43.849	ng	99
54) 2,4-Dinitrophenol	9.857	184	165341	47.488	ng	92
55) Dibenzofuran	10.016	168	2043622	40.515	ng	96
56) 4-Nitrophenol	9.904	139	339754	44.969	ng	89
57) 2,4-Dinitrotoluene	9.992	165	497080	45.061	ng	94
58) Fluorene	10.357	166	1475794	39.941	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	417670	43.532	ng	99
60) Diethylphthalate	10.233	149	1612863	42.339	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	757648	40.313	ng	92
62) 4-Nitroaniline	10.374	138	427936	43.775	ng	98
63) Azobenzene	10.510	77	1741494	40.926	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	226378	45.927	ng	98
66) n-Nitrosodiphenylamine	10.469	169	1357212	40.489	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	487793	41.504	ng	98
68) Hexachlorobenzene	10.904	284	495262	40.618	ng	99
69) Atrazine	10.992	200	406596	43.397	ng	98
70) Pentachlorophenol	11.092	266	348418	44.281	ng	99
71) Phenanthrene	11.316	178	2209353	39.908	ng	100
72) Anthracene	11.363	178	2289837	40.405	ng	100
73) Carbazole	11.516	167	1990857	40.600	ng	100
74) Di-n-butylphthalate	11.857	149	2341517	44.543	ng	100
75) Fluoranthene	12.498	202	2256633	40.990	ng	100
77) Benzidine	12.616	184	500019	47.036	ng	99
78) Pyrene	12.727	202	2278872	40.839	ng	100
80) Butylbenzylphthalate	13.351	149	597687	44.771	ng	99
81) Benzo(a)anthracene	13.915	228	1938465	41.768	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	520492	46.363	ng	98
83) Chrysene	13.951	228	1871634	40.574	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	909152	51.506	ng	99
85) Di-n-octyl phthalate	14.533	149	1708764	44.999	ng	97
87) Indeno(1,2,3-cd)pyrene	16.751	276	1658333	41.884	ng	100
88) Benzo(b)fluoranthene	14.945	252	1757514	40.719	ng	99
89) Benzo(k)fluoranthene	14.974	252	1829775	42.557	ng	99
90) Benzo(a)pyrene	15.298	252	1674327	42.461	ng	99
91) Dibenzo(a,h)anthracene	16.774	278	1399415	41.481	ng	98
92) Benzo(g,h,i)perylene	17.174	276	1299731	40.238	ng	99

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

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