Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
Data File : BF136411.D
Acq On : 05 Dec 2023 17:41
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF120523

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 09:41:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	121147	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	504259	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	259810	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	494232	20.000	ng	0.00
76) Chrysene-d12	13.980	240	275326	20.000	ng	0.00
86) Perylene-d12	15.451	264	232216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	679082	82.783	ng	0.00
7) Phenol-d6	6.445	99	851075	83.155	ng	0.00
23) Nitrobenzene-d5	7.369	82	776498	83.246	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	268831	83.918	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1582618	83.118	ng	0.00
79) Terphenyl-d14	12.921	244	1793003	85.835	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	135950	41.900	ng	99
3) Pyridine	3.340	79	338733	43.109	ng	98
4) n-Nitrosodimethylamine	3.310	42	147084	43.086	ng	92
6) Aniline	6.469	93	433217	41.883	ng	99
8) 2-Chlorophenol	6.592	128	375826	41.966	ng	98
9) Benzaldehyde	6.357	77	230047	46.042	ng	96
10) Phenol	6.457	94	460350	42.270	ng	99
11) bis(2-Chloroethyl)ether	6.545	93	337062	41.522	ng	99
12) 1,3-Dichlorobenzene	6.745	146	419337	41.637	ng	98
13) 1,4-Dichlorobenzene	6.822	146	427850	41.878	ng	99
14) 1,2-Dichlorobenzene	6.975	146	396011	41.221	ng	99
15) Benzyl Alcohol	6.945	79	294088	42.911	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	433045	41.477	ng	99
17) 2-Methylphenol	7.057	107	303110	41.894	ng	97
18) Hexachloroethane	7.310	117	149256	41.845	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	245469	41.577	ng	99
20) 3+4-Methylphenols	7.210	107	370986	41.311	ng	100
22) Acetophenone	7.216	105	511044	41.041	ng	99
24) Nitrobenzene	7.386	77	389652	41.526	ng	99
25) Isophorone	7.622	82	691540	41.266	ng	100
26) 2-Nitrophenol	7.698	139	197931	42.907	ng	99
27) 2,4-Dimethylphenol	7.739	122	238120	41.862	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	427756	41.539	ng	99
29) 2,4-Dichlorophenol	7.939	162	309933	41.280	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	367157	41.938	ng	99
31) Naphthalene	8.104	128	1139474	40.977	ng	100
32) Benzoic acid	7.869	122	248742	44.082	ng	97
33) 4-Chloroaniline	8.151	127	410891	41.447	ng	98
34) Hexachlorobutadiene	8.216	225	211441	40.751	ng	99
35) Caprolactam	8.533	113	94857	41.026	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	330822	41.498	ng	99
37) 2-Methylnaphthalene	8.792	142	729375	41.228	ng	99
38) 1-Methylnaphthalene	8.892	142	712471	41.041	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	342327	42.351	ng	100
41) Hexachlorocyclopentadiene	8.945	237	126965	42.399	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	225423	42.831	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	245571	41.805	ng	99
46) 1,1'-Biphenyl	9.263	154	916878	41.474	ng	100
47) 2-Chloronaphthalene	9.286	162	717630	41.707	ng	99
48) 2-Nitroaniline	9.380	65	195064	42.269	ng	99
49) Acenaphthylene	9.698	152	1031757	42.093	ng	99
50) Dimethylphthalate	9.569	163	787628	41.177	ng	100
51) 2,6-Dinitrotoluene	9.627	165	180205	41.876	ng	96
52) Acenaphthene	9.875	154	645480m	41.095	ng	
53) 3-Nitroaniline	9.798	138	185992	42.325	ng	97
54) 2,4-Dinitrophenol	9.904	184	100126	46.019	ng	100
55) Dibenzofuran	10.045	168	949953	41.400	ng	99
56) 4-Nitrophenol	9.957	139	141286	42.889	ng	98
57) 2,4-Dinitrotoluene	10.033	165	243701	42.809	ng	99
58) Fluorene	10.386	166	763536	41.453	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	195477	41.544	ng	98
60) Diethylphthalate	10.263	149	787554	41.871	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	369620	41.164	ng	98
62) 4-Nitroaniline	10.416	138	185206	42.445	ng	99
63) Azobenzene	10.539	77	708568	41.388	ng	94
65) 4,6-Dinitro-2-methylph...	10.439	198	138411	45.220	ng	99
66) n-Nitrosodiphenylamine	10.504	169	640397	40.381	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	235159	40.924	ng	98
68) Hexachlorobenzene	10.933	284	274371	41.312	ng	99
69) Atrazine	11.033	200	174185	38.482	ng	98
70) Pentachlorophenol	11.127	266	161151	42.994	ng	99
71) Phenanthrene	11.351	178	1107456	40.767	ng	100
72) Anthracene	11.404	178	1124331	41.092	ng	100
73) Carbazole	11.563	167	987274	40.768	ng	99
74) Di-n-butylphthalate	11.898	149	1233205	41.540	ng	100
75) Fluoranthene	12.545	202	1133994	39.834	ng	100
77) Benzidine	12.668	184	213231	36.252	ng	98
78) Pyrene	12.774	202	1162699	43.120	ng	99
80) Butylbenzylphthalate	13.398	149	416410	43.381	ng	91
81) Benzo(a)anthracene	13.968	228	795810	41.496	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	214690	39.926	ng	100
83) Chrysene	14.004	228	776499	41.153	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	517083	43.943	ng	99
85) Di-n-octyl phthalate	14.580	149	767041	44.130	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	729556	45.223	ng	100
88) Benzo(b)fluoranthene	15.021	252	628258	39.570	ng	100
89) Benzo(k)fluoranthene	15.051	252	626086	41.843	ng	99
90) Benzo(a)pyrene	15.392	252	547120	41.726	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	597360	45.198	ng	99
92) Benzo(g,h,i)perylene	17.421	276	613537	45.228	ng	99

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

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