Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140783.D
Acq On : 09 Dec 2024 12:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 14:00:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	92885	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	346239	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	189814	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	363500	20.000	ng		0.00
76) Chrysene-d12	14.051	240	224946	20.000	ng		0.00
86) Perylene-d12	15.551	264	187010	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	465317	85.474	ng		0.00
7) Phenol-d6	6.510	99	610888	84.881	ng		0.00
23) Nitrobenzene-d5	7.434	82	560358	82.782	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	173577	85.503	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1061518	83.324	ng		-0.01
79) Terphenyl-d14	12.980	244	1160825	80.355	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	100896	44.081	ng		97
3) Pyridine	3.387	79	226988	45.072	ng		99
4) n-Nitrosodimethylamine	3.352	42	123101	41.590	ng		95
6) Aniline	6.534	93	238703	47.122	ng		89
8) 2-Chlorophenol	6.657	128	253095	43.213	ng		96
9) Benzaldehyde	6.422	77	144377	37.894	ng		97
10) Phenol	6.528	94	321134	43.692	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	238461	42.398	ng		99
12) 1,3-Dichlorobenzene	6.804	146	276244	41.976	ng		99
13) 1,4-Dichlorobenzene	6.881	146	283097	42.484	ng		99
14) 1,2-Dichlorobenzene	7.034	146	263935	42.270	ng		99
15) Benzyl Alcohol	7.016	79	219516	41.129	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	271607	40.876	ng		79
17) 2-Methylphenol	7.134	107	198206	42.276	ng		95
18) Hexachloroethane	7.375	117	102767	41.293	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	173362	40.758	ng		97
20) 3+4-Methylphenols	7.287	107	258788	42.944	ng	#	79
22) Acetophenone	7.275	105	352947	41.813	ng		94
24) Nitrobenzene	7.451	77	290315	41.497	ng		98
25) Isophorone	7.687	82	463484	41.052	ng		99
26) 2-Nitrophenol	7.769	139	133835	43.168	ng		94
27) 2,4-Dimethylphenol	7.804	122	167383m	45.123	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	283632	41.237	ng		99
29) 2,4-Dichlorophenol	8.022	162	211966	43.123	ng		97
30) 1,2,4-Trichlorobenzene	8.087	180	236722	42.180	ng		99
31) Naphthalene	8.169	128	750453	42.079	ng		99
32) Benzoic acid	7.957	122	137515	43.409	ng		98
33) 4-Chloroaniline	8.228	127	242443	45.404	ng		98
34) Hexachlorobutadiene	8.281	225	153128	41.194	ng		99
35) Caprolactam	8.598	113	66720	43.862	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	234815	42.668	ng		100
37) 2-Methylnaphthalene	8.857	142	475327	41.962	ng		100
38) 1-Methylnaphthalene	8.957	142	468155	42.163	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	233383	41.999	ng		99
41) Hexachlorocyclopentadiene	9.010	237	35211	32.913	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	147039	42.170	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160393	42.385	ng	97
46) 1,1'-Biphenyl	9.322	154	592420	41.803	ng	100
47) 2-Chloronaphthalene	9.351	162	454016	42.280	ng	99
48) 2-Nitroaniline	9.457	65	147770	42.872	ng	95
49) Acenaphthylene	9.769	152	687115	42.350	ng	100
50) Dimethylphthalate	9.622	163	517989	41.436	ng	100
51) 2,6-Dinitrotoluene	9.692	165	121961	43.017	ng	99
52) Acenaphthene	9.939	154	431042	41.812	ng	99
53) 3-Nitroaniline	9.869	138	126289	45.543	ng	94
54) 2,4-Dinitrophenol	9.986	184	69941	50.797	ng	93
55) Dibenzofuran	10.110	168	654473	41.621	ng	100
56) 4-Nitrophenol	10.051	139	110649	58.509	ng	92
57) 2,4-Dinitrotoluene	10.104	165	163601	43.418	ng	95
58) Fluorene	10.457	166	537820	42.611	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	129536	44.540	ng	92
60) Diethylphthalate	10.322	149	514575	40.514	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	255101	41.184	ng	98
62) 4-Nitroaniline	10.486	138	136029	46.773	ng	95
63) Azobenzene	10.604	77	491918	40.898	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	89900	48.398	ng	98
66) n-Nitrosodiphenylamine	10.563	169	448621	41.734	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	155300	41.485	ng	96
68) Hexachlorobenzene	11.004	284	182807	42.174	ng	98
69) Atrazine	11.092	200	96773	32.001	ng	100
70) Pentachlorophenol	11.210	266	73419	38.484	ng	99
71) Phenanthrene	11.422	178	737773	42.223	ng	100
72) Anthracene	11.475	178	738326	43.197	ng	100
73) Carbazole	11.633	167	732751	44.564	ng	100
74) Di-n-butylphthalate	11.951	149	776970	40.930	ng	99
75) Fluoranthene	12.616	202	843217	44.447	ng	100
77) Benzidine	12.739	184	343811	52.569	ng	99
78) Pyrene	12.845	202	864572	41.568	ng	99
80) Butylbenzylphthalate	13.451	149	293415	39.160	ng	98
81) Benzo(a)anthracene	14.039	228	622623	41.813	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	192950	43.159	ng	100
83) Chrysene	14.080	228	573223	42.100	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	333077	35.205	ng	100
85) Di-n-octyl phthalate	14.639	149	431470	33.370	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	518227	42.522	ng	98
88) Benzo(b)fluoranthene	15.116	252	535631	45.600	ng	100
89) Benzo(k)fluoranthene	15.145	252	398082	38.727	ng	99
90) Benzo(a)pyrene	15.492	252	405609	42.469	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	426039	42.685	ng	99
92) Benzo(g,h,i)perylene	17.533	276	447357	43.923	ng	99

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

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