Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138038.D
Acq On : 28 May 2024 10:40
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 28 11:17:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	141484	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	543904	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	302446	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	531782	20.000	ng	0.00
76) Chrysene-d12	14.233	240	326846	20.000	ng	0.00
86) Perylene-d12	15.798	264	291502	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	665436	79.892	ng	0.00
7) Phenol-d6	6.657	99	825613	80.467	ng	0.00
23) Nitrobenzene-d5	7.598	82	748318	80.968	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	272649	89.406	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1583246	80.636	ng	0.00
79) Terphenyl-d14	13.168	244	1773142	79.954	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.922	88	140461	38.927	ng	98
3) Pyridine	3.704	79	344646	42.569	ng	97
4) n-Nitrosodimethylamine	3.669	42	139553	39.072	ng	99
6) Aniline	6.698	93	400791m	43.673	ng	
8) 2-Chlorophenol	6.822	128	359487	39.881	ng	99
9) Benzaldehyde	6.592	77	236738	42.647	ng	97
10) Phenol	6.669	94	415558	40.126	ng	95
11) bis(2-Chloroethyl)ether	6.769	93	324196	40.771	ng	98
12) 1,3-Dichlorobenzene	6.981	146	422051	40.469	ng	98
13) 1,4-Dichlorobenzene	7.057	146	423980	40.501	ng	99
14) 1,2-Dichlorobenzene	7.210	146	396272	40.221	ng	98
15) Benzyl Alcohol	7.169	79	296333	43.252	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	396830	40.599	ng	97
17) 2-Methylphenol	7.275	107	291219	40.512	ng	100
18) Hexachloroethane	7.551	117	142550	40.241	ng	94
19) n-Nitroso-di-n-propyla...	7.439	70	234797	40.732	ng	98
20) 3+4-Methylphenols	7.428	107	382385	40.604	ng	98
22) Acetophenone	7.445	105	489811	40.200	ng	99
24) Nitrobenzene	7.622	77	379685	40.496	ng	100
25) Isophorone	7.851	82	652252	40.663	ng	99
26) 2-Nitrophenol	7.934	139	201234	42.715	ng	98
27) 2,4-Dimethylphenol	7.957	122	243511	40.148	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	393494	40.476	ng	100
29) 2,4-Dichlorophenol	8.169	162	315647	41.384	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	346629	40.704	ng	99
31) Naphthalene	8.345	128	1104541	40.389	ng	100
32) Benzoic acid	8.069	122	234094m	45.657	ng	
33) 4-Chloroaniline	8.386	127	388694	43.356	ng	99
34) Hexachlorobutadiene	8.451	225	219333	40.691	ng	99
35) Caprolactam	8.763	113	96880	43.843	ng	96
36) 4-Chloro-3-methylphenol	8.863	107	323375	41.678	ng	99
37) 2-Methylnaphthalene	9.033	142	717270	40.803	ng	99
38) 1-Methylnaphthalene	9.133	142	696626	40.309	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	341001	41.472	ng	99
41) Hexachlorocyclopentadiene	9.186	237	120270	38.495	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	226521	42.017	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	248015	42.044	ng		97
46) 1,1'-Biphenyl	9.498	154	871980	41.106	ng		98
47) 2-Chloronaphthalene	9.528	162	702365	41.477	ng		98
48) 2-Nitroaniline	9.622	65	183401	42.294	ng		98
49) Acenaphthylene	9.951	152	1012122	41.568	ng		100
50) Dimethylphthalate	9.798	163	801409	42.256	ng		100
51) 2,6-Dinitrotoluene	9.863	165	191308	43.950	ng		97
52) Acenaphthene	10.122	154	676856	42.059	ng		99
53) 3-Nitroaniline	10.039	138	188000	44.179	ng		89
54) 2,4-Dinitrophenol	10.139	184	86334	40.483	ng	#	79
55) Dibenzofuran	10.292	168	965652	41.231	ng		98
56) 4-Nitrophenol	10.186	139	131600	43.057	ng		90
57) 2,4-Dinitrotoluene	10.269	165	249911	44.410	ng		95
58) Fluorene	10.639	166	779769	42.093	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	199252	42.997	ng		97
60) Diethylphthalate	10.498	149	766788	43.290	ng		99
61) 4-Chlorophenyl-phenyle...	10.622	204	387290	42.394	ng		98
62) 4-Nitroaniline	10.651	138	179563	44.489	ng		99
63) Azobenzene	10.786	77	673892	41.827	ng		97
65) 4,6-Dinitro-2-methylph...	10.680	198	137616	44.818	ng		91
66) n-Nitrosodiphenylamine	10.745	169	655091	40.170	ng		99
67) 4-Bromophenyl-phenylether	11.116	248	243307	41.735	ng		99
68) Hexachlorobenzene	11.186	284	264921	41.110	ng		98
69) Atrazine	11.263	200	173096	38.870	ng		100
70) Pentachlorophenol	11.374	266	163586	43.336	ng		99
71) Phenanthrene	11.604	178	1052951	40.180	ng		99
72) Anthracene	11.657	178	1059889	40.764	ng		99
73) Carbazole	11.810	167	980932	41.300	ng		99
74) Di-n-butylphthalate	12.127	149	1170390	44.402	ng		100
75) Fluoranthene	12.798	202	1123958	42.255	ng		98
77) Benzidine	12.916	184	273590	64.050	ng		99
78) Pyrene	13.033	202	1132060	39.600	ng		99
80) Butylbenzylphthalate	13.633	149	396849	46.024	ng		96
81) Benzo(a)anthracene	14.221	228	851064	41.157	ng		99
82) 3,3'-Dichlorobenzidine	14.180	252	263610	46.001	ng		99
83) Chrysene	14.262	228	802922	40.600	ng		100
84) Bis(2-ethylhexyl)phtha...	14.186	149	483500	44.606	ng		98
85) Di-n-octyl phthalate	14.815	149	706356	48.238	ng		99
87) Indeno(1,2,3-cd)pyrene	17.433	276	740947	39.563	ng		99
88) Benzo(b)fluoranthene	15.327	252	689647	40.860	ng		99
89) Benzo(k)fluoranthene	15.357	252	702799	42.385	ng		98
90) Benzo(a)pyrene	15.733	252	603510	41.875	ng		99
91) Dibenzo(a,h)anthracene	17.451	278	604551	39.070	ng		99
92) Benzo(g,h,i)perylene	17.933	276	615233	37.849	ng		98

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

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