Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
Data File : BF138128.D
Acq On : 06 Jun 2024 11:28
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 11:53:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	440036	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	1691101	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	966481	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	1706968	20.000	ng		0.00
76) Chrysene-d12	14.069	240	941541	20.000	ng		0.00
86) Perylene-d12	15.545	264	736735	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2032193	78.706	ng		0.00
7) Phenol-d6	6.534	99	2585021	79.129	ng		0.00
23) Nitrobenzene-d5	7.475	82	2266307	91.180	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	835209	89.796	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	4249943	76.889	ng		0.00
79) Terphenyl-d14	13.022	244	4969362	78.943	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	458899	38.778	ng		99
3) Pyridine	3.487	79	1129611	38.956	ng		99
4) n-Nitrosodimethylamine	3.458	42	549239	38.583	ng		94
6) Aniline	6.575	93	1278048	38.585	ng		98
8) 2-Chlorophenol	6.693	128	1121861	40.162	ng		99
9) Benzaldehyde	6.457	77	725903	47.137	ng		100
10) Phenol	6.546	94	1321496	39.373	ng		99
11) bis(2-Chloroethyl)ether	6.646	93	1037147	38.547	ng		99
12) 1,3-Dichlorobenzene	6.851	146	1269618	39.669	ng		99
13) 1,4-Dichlorobenzene	6.928	146	1278165	39.653	ng		100
14) 1,2-Dichlorobenzene	7.081	146	1203156	39.764	ng		99
15) Benzyl Alcohol	7.045	79	932205	40.329	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1495074	37.850	ng		98
17) 2-Methylphenol	7.151	107	891420	39.427	ng		99
18) Hexachloroethane	7.422	117	447924	40.714	ng		98
19) n-Nitroso-di-n-propyla...	7.322	70	799837	38.397	ng		99
20) 3+4-Methylphenols	7.310	107	1141334	40.568	ng		98
22) Acetophenone	7.316	105	1520637	39.059	ng	#	93
24) Nitrobenzene	7.493	77	1175302	43.406	ng		99
25) Isophorone	7.728	82	2103659	38.417	ng		100
26) 2-Nitrophenol	7.804	139	488781	44.233	ng		96
27) 2,4-Dimethylphenol	7.840	122	777016	40.852	ng		100
28) bis(2-Chloroethoxy)met...	7.940	93	1307597	39.203	ng		99
29) 2,4-Dichlorophenol	8.040	162	964744	42.084	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	1097775	39.688	ng		99
31) Naphthalene	8.216	128	3238072	39.588	ng		100
32) Benzoic acid	7.957	122	644718m	45.707	ng		
33) 4-Chloroaniline	8.257	127	1205315	39.208	ng		99
34) Hexachlorobutadiene	8.328	225	645299	39.700	ng		100
35) Caprolactam	8.640	113	312097	40.772	ng		90
36) 4-Chloro-3-methylphenol	8.734	107	958310	40.793	ng		99
37) 2-Methylnaphthalene	8.904	142	2176983	39.481	ng		100
38) 1-Methylnaphthalene	9.004	142	2131760	39.485	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	1088439	39.889	ng		100
41) Hexachlorocyclopentadiene	9.051	237	378303	41.997	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	720912	43.515	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	767180	42.025	ng	99
46) 1,1'-Biphenyl	9.369	154	2642118	38.919	ng	99
47) 2-Chloronaphthalene	9.392	162	2115056	39.093	ng	99
48) 2-Nitroaniline	9.487	65	557502	42.122	ng	96
49) Acenaphthylene	9.810	152	3010069	39.316	ng	99
50) Dimethylphthalate	9.669	163	2377177	39.144	ng	100
51) 2,6-Dinitrotoluene	9.728	165	550395	42.202	ng	94
52) Acenaphthene	9.981	154	2050054	39.629	ng	99
53) 3-Nitroaniline	9.898	138	546410	41.822	ng	97
54) 2,4-Dinitrophenol	9.998	184	156687	44.411	ng	97
55) Dibenzofuran	10.151	168	2856696	39.042	ng	100
56) 4-Nitrophenol	10.045	139	419402	45.406	ng	98
57) 2,4-Dinitrotoluene	10.128	165	681491	43.754	ng	95
58) Fluorene	10.492	166	2268612	39.035	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	632867	43.952	ng	99
60) Diethylphthalate	10.369	149	2350628	39.651	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	1147369	38.861	ng	99
62) 4-Nitroaniline	10.510	138	542709	47.878	ng	97
63) Azobenzene	10.645	77	2233386	39.113	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	262305	43.502	ng	99
66) n-Nitrosodiphenylamine	10.604	169	2031165	39.847	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	791265	40.711	ng	98
68) Hexachlorobenzene	11.039	284	905882	40.091	ng	100
69) Atrazine	11.133	200	647449	39.478	ng	98
70) Pentachlorophenol	11.228	266	568919	47.035	ng	99
71) Phenanthrene	11.457	178	3198666	38.925	ng	100
72) Anthracene	11.510	178	3183113	38.838	ng	100
73) Carbazole	11.663	167	2926229	39.041	ng	99
74) Di-n-butylphthalate	11.992	149	3441343	39.061	ng	100
75) Fluoranthene	12.645	202	3446050	38.866	ng	100
77) Benzidine	12.763	184	490673	50.642	ng	100
78) Pyrene	12.875	202	3505798	41.171	ng	100
80) Butylbenzylphthalate	13.492	149	1259131	44.780	ng	98
81) Benzo(a)anthracene	14.057	228	2324910	39.138	ng	100
82) 3,3'-Dichlorobenzidine	14.022	252	622577	41.350	ng	98
83) Chrysene	14.098	228	2289410	40.158	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1740268	42.481	ng	98
85) Di-n-octyl phthalate	14.669	149	2370247	42.034	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	1602840	40.543	ng	98
88) Benzo(b)fluoranthene	15.110	252	1810566	39.092	ng	99
89) Benzo(k)fluoranthene	15.145	252	1691192	38.291	ng	99
90) Benzo(a)pyrene	15.486	252	1411540	40.242	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	1273851	40.335	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1327219	40.347	ng	99

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

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