Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
Data File : BP020610.D
Acq On : 13 Jun 2024 12:51
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 13 13:20:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.752	152	278983	20.000	ng		-0.02
21) Naphthalene-d8	10.522	136	1013678	20.000	ng		-0.01
39) Acenaphthene-d10	14.381	164	599923	20.000	ng		-0.01
64) Phenanthrene-d10	17.186	188	1148445	20.000	ng		-0.02
76) Chrysene-d12	21.651	240	1121796	20.000	ng		-0.02
86) Perylene-d12	25.010	264	1439601	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1353461	86.862	ng		0.00
7) Phenol-d6	6.940	99	1689582	76.890	ng		0.00
23) Nitrobenzene-d5	8.905	82	1577959	85.212	ng		-0.02
42) 2,4,6-Tribromophenol	15.898	330	632238	101.547	ng		-0.01
45) 2-Fluorobiphenyl	12.987	172	3525719	87.609	ng		-0.02
79) Terphenyl-d14	19.916	244	4994670	74.120	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	266737	42.367	ng		94
3) Pyridine	3.717	79	688323	38.884	ng		93
4) n-Nitrosodimethylamine	3.628	42	312443	36.339	ng		93
6) Aniline	7.093	93	797630	35.823	ng		98
8) 2-Chlorophenol	7.328	128	721180	41.288	ng		98
9) Benzaldehyde	6.916	77	496846	35.249	ng		97
10) Phenol	6.963	94	848537	37.699	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	690016	37.172	ng		97
12) 1,3-Dichlorobenzene	7.646	146	858838	41.733	ng		97
13) 1,4-Dichlorobenzene	7.787	146	870471	41.616	ng		98
14) 1,2-Dichlorobenzene	8.099	146	817026	40.474	ng		98
15) Benzyl Alcohol	7.993	79	561167	34.573	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	900246m	32.484	ng		
17) 2-Methylphenol	8.193	107	572482	37.480	ng		98
18) Hexachloroethane	8.816	117	316298	41.413	ng		94
19) n-Nitroso-di-n-propyla...	8.557	70	502346	33.488	ng		95
20) 3+4-Methylphenols	8.516	107	768805	37.006	ng		98
22) Acetophenone	8.575	105	1012702	40.248	ng	#	98
24) Nitrobenzene	8.952	77	775752	41.277	ng		97
25) Isophorone	9.469	82	1317498	36.618	ng		98
26) 2-Nitrophenol	9.646	139	371637	49.832	ng		97
27) 2,4-Dimethylphenol	9.710	122	431755	39.721	ng		98
28) bis(2-Chloroethoxy)met...	9.940	93	840515	38.008	ng		100
29) 2,4-Dichlorophenol	10.181	162	636747	43.665	ng		97
30) 1,2,4-Trichlorobenzene	10.387	180	767901	44.356	ng		99
31) Naphthalene	10.575	128	2152125	41.530	ng		99
32) Benzoic acid	9.863	122	456080	44.713	ng		98
33) 4-Chloroaniline	10.681	127	744808	37.154	ng		98
34) Hexachlorobutadiene	10.851	225	507448	46.532	ng		99
35) Caprolactam	11.499	113	221550	41.457	ng		92
36) 4-Chloro-3-methylphenol	11.810	107	643271	37.676	ng		97
37) 2-Methylnaphthalene	12.187	142	1423046	38.323	ng		99
38) 1-Methylnaphthalene	12.404	142	1389554	37.750	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	803308	46.280	ng		99
41) Hexachlorocyclopentadiene	12.528	237	329857	54.072	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	501874	47.833	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	552885	45.675	ng	97
46) 1,1'-Biphenyl	13.204	154	1787055	42.209	ng	98
47) 2-Chloronaphthalene	13.245	162	1448676	43.041	ng	99
48) 2-Nitroaniline	13.457	65	394932	43.303	ng	95
49) Acenaphthylene	14.104	152	2043313	40.913	ng	100
50) Dimethylphthalate	13.834	163	1666956	39.419	ng	100
51) 2,6-Dinitrotoluene	13.951	165	384756	42.567	ng	94
52) Acenaphthene	14.445	154	1251268	39.718	ng	99
53) 3-Nitroaniline	14.287	138	365803	40.346	ng	97
54) 2,4-Dinitrophenol	14.504	184	191369	53.868	ng	95
55) Dibenzofuran	14.781	168	2002649	40.129	ng	98
56) 4-Nitrophenol	14.610	139	302892	43.187	ng	92
57) 2,4-Dinitrotoluene	14.757	165	514798	43.337	ng	95
58) Fluorene	15.439	166	1587514	39.625	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	448980	45.324	ng	97
60) Diethylphthalate	15.228	149	1647117	38.316	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	839336	40.599	ng	98
62) 4-Nitroaniline	15.469	138	385610	41.288	ng	97
63) Azobenzene	15.739	77	1462780	36.442	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	276848	53.357	ng	95
66) n-Nitrosodiphenylamine	15.669	169	1368081	43.328	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	529629	45.078	ng	99
68) Hexachlorobenzene	16.463	284	614246	44.421	ng	97
69) Atrazine	16.645	200	446273	40.175	ng	99
70) Pentachlorophenol	16.822	266	413503	49.237	ng	98
71) Phenanthrene	17.228	178	2330655	41.284	ng	99
72) Anthracene	17.316	178	2333942	42.132	ng	99
73) Carbazole	17.604	167	2230844	41.632	ng	99
74) Di-n-butylphthalate	18.204	149	2735139	42.150	ng	99
75) Fluoranthene	19.322	202	2936882	43.973	ng	98
77) Benzidine	19.516	184	588465m	18.890	ng	
78) Pyrene	19.698	202	3051723	36.167	ng	99
80) Butylbenzylphthalate	20.657	149	1298792	38.716	ng	91
81) Benzo(a)anthracene	21.633	228	3046131	41.240	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	1064192	48.467	ng	100
83) Chrysene	21.698	228	2888087	41.495	ng	100
84) Bis(2-ethylhexyl)phtha...	21.563	149	1903733	39.643	ng	98
85) Di-n-octyl phthalate	22.857	149	3453436	49.477	ng	96
87) Indeno(1,2,3-cd)pyrene	28.827	276	4079176m	46.597	ng	
88) Benzo(b)fluoranthene	23.945	252	3401147	37.923	ng	99
89) Benzo(k)fluoranthene	24.015	252	3283478	37.538	ng	99
90) Benzo(a)pyrene	24.845	252	3013027	40.566	ng	99
91) Dibenzo(a,h)anthracene	28.927	278	3382359	46.323	ng	98
92) Benzo(g,h,i)perylene	30.003	276	3394419	46.509	ng	98

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

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