Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
Data File : BP020494.D
Acq On : 04 Jun 2024 12:27
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 04 13:06:35 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 06/05/2024
Supervised By :mohammad ahmed 06/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	393653	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1640783	20.000	ng		0.01
39) Acenaphthene-d10	14.398	164	1066331	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	2191487	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1689249	20.000	ng		-0.01
86) Perylene-d12	25.004	264	1546260	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1871738	85.132	ng		0.00
7) Phenol-d6	6.940	99	2608314	84.123	ng		0.00
23) Nitrobenzene-d5	8.916	82	2543310	84.850	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	1014095	91.637	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	5736724	80.199	ng		0.01
79) Terphenyl-d14	19.933	244	8728416	86.017	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	366941	41.305	ng		97
3) Pyridine	3.717	79	1050557m	42.060	ng		
4) n-Nitrosodimethylamine	3.634	42	501031	41.298	ng		97
6) Aniline	7.111	93	1271617	40.474	ng		99
8) 2-Chlorophenol	7.340	128	1041904	42.274	ng		99
9) Benzaldehyde	6.922	77	894942	44.997	ng		99
10) Phenol	6.963	94	1335098	42.037	ng		99
11) bis(2-Chloroethyl)ether	7.205	93	1070121	40.856	ng		100
12) 1,3-Dichlorobenzene	7.663	146	1208764	41.626	ng		99
13) 1,4-Dichlorobenzene	7.805	146	1220515	41.354	ng		100
14) 1,2-Dichlorobenzene	8.122	146	1164425	40.881	ng		98
15) Benzyl Alcohol	8.005	79	951487	41.544	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1518219	38.825	ng		99
17) 2-Methylphenol	8.193	107	893581	41.460	ng		99
18) Hexachloroethane	8.840	117	448195	41.588	ng		96
19) n-Nitroso-di-n-propyla...	8.569	70	835622	39.478	ng		100
20) 3+4-Methylphenols	8.528	107	1233023	42.062	ng		100
22) Acetophenone	8.581	105	1630668	40.038	ng	#	99
24) Nitrobenzene	8.957	77	1262009	41.486	ng		100
25) Isophorone	9.487	82	2339734	40.175	ng		99
26) 2-Nitrophenol	9.657	139	510449	42.859	ng		98
27) 2,4-Dimethylphenol	9.716	122	726541	41.294	ng		97
28) bis(2-Chloroethoxy)met...	9.957	93	1433781	40.055	ng		99
29) 2,4-Dichlorophenol	10.187	162	1018334	43.142	ng		98
30) 1,2,4-Trichlorobenzene	10.399	180	1178483	42.055	ng		99
31) Naphthalene	10.593	128	3396992	40.499	ng		100
32) Benzoic acid	9.863	122	717876	43.669	ng		99
33) 4-Chloroaniline	10.693	127	1311364	40.415	ng		99
34) Hexachlorobutadiene	10.875	225	748768	42.419	ng		99
35) Caprolactam	11.493	113	419490	48.496	ng		98
36) 4-Chloro-3-methylphenol	11.810	107	1148468	41.556	ng		99
37) 2-Methylnaphthalene	12.193	142	2404569	40.007	ng		99
38) 1-Methylnaphthalene	12.416	142	2374898	39.860	ng		100
40) 1,2,4,5-Tetrachloroben...	12.557	216	1293580	41.928	ng		100
41) Hexachlorocyclopentadiene	12.534	237	476894	43.982	ng		100
43) 2,4,6-Trichlorophenol	12.798	196	830547	44.535	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	947957	44.059	ng	99
46) 1,1'-Biphenyl	13.210	154	3029958	40.263	ng	99
47) 2-Chloronaphthalene	13.251	162	2440064	40.787	ng	100
48) 2-Nitroaniline	13.457	65	724610	44.699	ng	97
49) Acenaphthylene	14.116	152	3650692	41.125	ng	100
50) Dimethylphthalate	13.857	163	3067454	40.810	ng	100
51) 2,6-Dinitrotoluene	13.969	165	697506	43.415	ng	95
52) Acenaphthene	14.463	154	2257160	40.310	ng	100
53) 3-Nitroaniline	14.298	138	697156	43.260	ng	100
54) 2,4-Dinitrophenol	14.510	184	264201	44.476	ng	94
55) Dibenzofuran	14.798	168	3619195	40.801	ng	100
56) 4-Nitrophenol	14.604	139	548169	43.973	ng	99
57) 2,4-Dinitrotoluene	14.763	165	969797	45.932	ng	97
58) Fluorene	15.463	166	2853667	40.074	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	784808	44.573	ng	100
60) Diethylphthalate	15.251	149	3154200	41.281	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1485328	40.421	ng	99
62) 4-Nitroaniline	15.487	138	713165	42.960	ng	98
63) Azobenzene	15.763	77	2836669	39.759	ng	97
65) 4,6-Dinitro-2-methylph...	15.540	198	407785	42.932	ng	98
66) n-Nitrosodiphenylamine	15.687	169	2534300	42.062	ng	100
67) 4-Bromophenyl-phenylether	16.381	248	930556	41.505	ng	98
68) Hexachlorobenzene	16.475	284	1099294	41.661	ng	99
69) Atrazine	16.675	200	890702	42.020	ng	99
70) Pentachlorophenol	16.834	266	700831	43.731	ng	100
71) Phenanthrene	17.245	178	4375716	40.618	ng	100
72) Anthracene	17.339	178	4390439	41.533	ng	100
73) Carbazole	17.622	167	4174737	40.828	ng	100
74) Di-n-butylphthalate	18.222	149	5295257	42.764	ng	100
75) Fluoranthene	19.333	202	5172198	40.583	ng	100
77) Benzidine	19.528	184	1659507	30.166	ng	99
78) Pyrene	19.710	202	5346636	42.079	ng	100
80) Butylbenzylphthalate	20.675	149	2097013	41.336	ng	95
81) Benzo(a)anthracene	21.633	228	4586719	41.237	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1457178	44.071	ng	99
83) Chrysene	21.704	228	4373712	41.731	ng	100
84) Bis(2-ethylhexyl)phtha...	21.592	149	3094235	42.789	ng	99
85) Di-n-octyl phthalate	22.892	149	4397884	41.843	ng	98
87) Indeno(1,2,3-cd)pyrene	28.815	276	4269846m	45.411	ng	
88) Benzo(b)fluoranthene	23.945	252	4051954	42.064	ng	99
89) Benzo(k)fluoranthene	24.021	252	3952417	42.068	ng	98
90) Benzo(a)pyrene	24.851	252	3452534	43.277	ng	99
91) Dibenzo(a,h)anthracene	28.915	278	3517629	44.852	ng	100
92) Benzo(g,h,i)perylene	29.986	276	3608242	46.029	ng	98

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

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