Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
Data File : BP006158.D
Acq On : 09 Jul 2021 13:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 09 14:15:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 16:08:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	182740	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	709283	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	398985	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	753151	20.000	ng	#	0.00
76) Chrysene-d12	21.351	240	703915	20.000	ng	#	0.00
86) Perylene-d12	23.751	264	809519	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	864352	81.386	ng		-0.01
7) Phenol-d6	7.058	99	1141402	81.250	ng		0.00
23) Nitrobenzene-d5	9.040	82	934759	83.245	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	387622	81.602	ng		0.00
45) 2-Fluorobiphenyl	13.134	172	2189897	81.141	ng		0.00
79) Terphenyl-d14	19.822	244	2901559	81.271	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	163999	39.356	ng		92
3) Pyridine	3.734	79	449909	42.492	ng	#	89
4) n-Nitrosodimethylamine	3.640	42	168931	40.564	ng	#	90
6) Aniline	7.205	93	602971	40.681	ng		98
8) 2-Chlorophenol	7.440	128	499544	40.161	ng		98
9) Benzaldehyde	7.017	77	303610	39.599	ng		90
10) Phenol	7.087	94	551872	40.904	ng		92
11) bis(2-Chloroethyl)ether	7.299	93	409200	40.137	ng		98
12) 1,3-Dichlorobenzene	7.758	146	528426	39.648	ng		97
13) 1,4-Dichlorobenzene	7.905	146	538387	39.553	ng		99
14) 1,2-Dichlorobenzene	8.222	146	508997	39.279	ng		99
15) Benzyl Alcohol	8.128	79	357973	42.150	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.405	45	470082	38.824	ng		89
17) 2-Methylphenol	8.334	107	374029	40.752	ng		94
18) Hexachloroethane	8.946	117	182458	40.265	ng		93
19) n-Nitroso-di-n-propyla...	8.687	70	315170	41.153	ng		96
20) 3+4-Methylphenols	8.664	107	513573	41.417	ng		93
22) Acetophenone	8.705	105	664962	41.190	ng		98
24) Nitrobenzene	9.087	77	466694	41.095	ng		92
25) Isophorone	9.611	82	887258	41.623	ng		97
26) 2-Nitrophenol	9.799	139	269644	42.710	ng	#	86
27) 2,4-Dimethylphenol	9.863	122	385489	41.364	ng		98
28) bis(2-Chloroethoxy)met...	10.093	93	488823	41.379	ng		100
29) 2,4-Dichlorophenol	10.346	162	431923	42.181	ng		98
30) 1,2,4-Trichlorobenzene	10.540	180	435724	39.966	ng		97
31) Naphthalene	10.728	128	1479583	40.015	ng		99
32) Benzoic acid	10.063	122	293814	42.447	ng		94
33) 4-Chloroaniline	10.852	127	599449	41.998	ng		97
34) Hexachlorobutadiene	11.005	225	237734	39.604	ng		99
35) Caprolactam	11.663	113	141463	43.825	ng		90
36) 4-Chloro-3-methylphenol	11.987	107	468886	42.404	ng		100
37) 2-Methylnaphthalene	12.340	142	1036651	40.408	ng		97
38) 1-Methylnaphthalene	12.557	142	968742	39.900	ng		98
40) 1,2,4,5-Tetrachloroben...	12.710	216	400863	40.503	ng		96
41) Hexachlorocyclopentadiene	12.681	237	53001	36.548	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	299812	41.871	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	324633	42.258	ng	#	94
46) 1,1'-Biphenyl	13.346	154	1219275	40.705	ng		100
47) 2-Chloronaphthalene	13.393	162	936921	40.659	ng		98
48) 2-Nitroaniline	13.610	65	250020	43.663	ng		91
49) Acenaphthylene	14.234	152	1514072	40.805	ng		99
50) Dimethylphthalate	13.975	163	1171882	40.845	ng		99
51) 2,6-Dinitrotoluene	14.104	165	270274	41.784	ng		94
52) Acenaphthene	14.575	154	912622	40.433	ng		99
53) 3-Nitroaniline	14.440	138	283336	43.236	ng		91
54) 2,4-Dinitrophenol	14.663	184	125794	41.791	ng		100
55) Dibenzofuran	14.910	168	1423233	40.506	ng		98
56) 4-Nitrophenol	14.775	139	187635	40.971	ng	#	84
57) 2,4-Dinitrotoluene	14.898	165	372498	42.759	ng		96
58) Fluorene	15.563	166	1141709	40.446	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	248980	41.420	ng	#	74
60) Diethylphthalate	15.334	149	1211104	41.161	ng		98
61) 4-Chlorophenyl-phenyle...	15.551	204	495470	40.038	ng		90
62) 4-Nitroaniline	15.604	138	270337	40.850	ng	#	81
63) Azobenzene	15.845	77	1015774	41.352	ng		97
65) 4,6-Dinitro-2-methylph...	15.669	198	196317	40.667	ng		88
66) n-Nitrosodiphenylamine	15.775	169	989795	40.361	ng		99
67) 4-Bromophenyl-phenylether	16.451	248	295786	39.839	ng	#	88
68) Hexachlorobenzene	16.569	284	347275	39.405	ng	#	90
69) Atrazine	16.734	200	316187	41.068	ng		94
70) Pentachlorophenol	16.928	266	176186	43.316	ng		99
71) Phenanthrene	17.310	178	1709552	40.192	ng		99
72) Anthracene	17.398	178	1699644	40.789	ng		100
73) Carbazole	17.681	167	1705017	41.292	ng		99
74) Di-n-butylphthalate	18.216	149	2093263	42.116	ng		99
75) Fluoranthene	19.275	202	1910665	40.985	ng		95
77) Benzidine	19.457	184	865981	41.488	ng		100
78) Pyrene	19.628	202	1969295	41.391	ng		99
80) Butylbenzylphthalate	20.492	149	1009055	42.757	ng		95
81) Benzo(a)anthracene	21.333	228	1796651	40.355	ng		100
82) 3,3'-Dichlorobenzidine	21.269	252	547453	41.917	ng	#	98
83) Chrysene	21.386	228	1764584	40.106	ng		100
84) Bis(2-ethylhexyl)phtha...	21.245	149	1482217	42.552	ng	#	99
85) Di-n-octyl phthalate	22.163	149	2628024	42.836	ng		100
87) Indeno(1,2,3-cd)pyrene	26.274	276	2379679	39.872	ng	#	88
88) Benzo(b)fluoranthene	23.016	252	2001937	40.768	ng	#	95
89) Benzo(k)fluoranthene	23.063	252	1927746	40.164	ng	#	95
90) Benzo(a)pyrene	23.645	252	1842278	39.980	ng	#	95
91) Dibenzo(a,h)anthracene	26.286	278	2058683	40.059	ng	#	93
92) Benzo(g,h,i)perylene	27.051	276	2003271	39.608	ng	#	89

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

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