Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
Data File : BP013892.D
Acq On : 28 Feb 2023 16:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 01 03:45:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 16:57:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.099	152	174753	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	630385	20.000	ng		0.00
39) Acenaphthene-d10	14.740	164	381578	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	750192	20.000	ng		0.00
76) Chrysene-d12	21.569	240	662133	20.000	ng	#	0.00
86) Perylene-d12	24.116	264	813581	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	881450	83.130	ng		0.00
7) Phenol-d6	7.252	99	1156917	85.194	ng		0.00
23) Nitrobenzene-d5	9.275	82	1137471	97.438	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	500433	90.095	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	2584228	88.954	ng		0.00
79) Terphenyl-d14	20.022	244	3216323	93.458	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	183288	39.770	ng		99
3) Pyridine	3.905	79	517671	41.667	ng		99
4) n-Nitrosodimethylamine	3.811	42	216808	46.565	ng		90
6) Aniline	7.422	93	755622	42.824	ng		98
8) 2-Chlorophenol	7.658	128	478906	42.819	ng		100
9) Benzaldehyde	7.228	77	267156	41.351	ng		97
10) Phenol	7.281	94	599987	42.447	ng		93
11) bis(2-Chloroethyl)ether	7.517	93	493078	43.588	ng		98
12) 1,3-Dichlorobenzene	7.987	146	532867	42.372	ng		98
13) 1,4-Dichlorobenzene	8.134	146	533742	42.016	ng		98
14) 1,2-Dichlorobenzene	8.458	146	511061	43.097	ng		98
15) Benzyl Alcohol	8.340	79	466636	48.977	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.634	45	522706	43.258	ng		96
17) 2-Methylphenol	8.540	107	440355	45.780	ng		96
18) Hexachloroethane	9.193	117	195673	43.974	ng		95
19) n-Nitroso-di-n-propyla...	8.916	70	386970	48.688	ng		99
20) 3+4-Methylphenols	8.875	107	595397	45.990	ng		97
22) Acetophenone	8.934	105	743828	46.781	ng	#	98
24) Nitrobenzene	9.316	77	579322	47.555	ng		99
25) Isophorone	9.846	82	1058401	47.048	ng		99
26) 2-Nitrophenol	10.034	139	268652	46.868	ng		94
27) 2,4-Dimethylphenol	10.087	122	430916	45.803	ng		99
28) bis(2-Chloroethoxy)met...	10.322	93	628532	43.767	ng		98
29) 2,4-Dichlorophenol	10.569	162	465664	46.133	ng		100
30) 1,2,4-Trichlorobenzene	10.787	180	523305	44.180	ng		99
31) Naphthalene	10.975	128	1454605	42.087	ng		99
32) Benzoic acid	10.234	122	328621	44.689	ng		95
33) 4-Chloroaniline	11.087	127	627221	43.219	ng		98
34) Hexachlorobutadiene	11.258	225	376960	47.890	ng		99
35) Caprolactam	11.887	113	126008	39.100	ng		97
36) 4-Chloro-3-methylphenol	12.193	107	497587	44.239	ng		96
37) 2-Methylnaphthalene	12.575	142	1059535	42.350	ng		98
38) 1-Methylnaphthalene	12.793	142	990342	42.296	ng		99
40) 1,2,4,5-Tetrachloroben...	12.940	216	636932	46.284	ng		100
41) Hexachlorocyclopentadiene	12.916	237	388767	53.186	ng		99
43) 2,4,6-Trichlorophenol	13.175	196	407941	47.388	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	471248	46.058	ng	98
46) 1,1'-Biphenyl	13.575	154	1344969	43.609	ng	99
47) 2-Chloronaphthalene	13.616	162	1026016	43.666	ng	98
48) 2-Nitroaniline	13.822	65	291990	44.039	ng	99
49) Acenaphthylene	14.463	152	1606172	43.365	ng	99
50) Dimethylphthalate	14.193	163	1295928	41.737	ng	100
51) 2,6-Dinitrotoluene	14.310	165	282060	41.818	ng	98
52) Acenaphthene	14.804	154	952602	42.265	ng	99
53) 3-Nitroaniline	14.646	138	267412	38.280	ng	98
54) 2,4-Dinitrophenol	14.846	184	172376	41.343	ng	97
55) Dibenzofuran	15.134	168	1572929	41.943	ng	98
56) 4-Nitrophenol	14.940	139	203993	36.754	ng	91
57) 2,4-Dinitrotoluene	15.098	165	361972	40.021	ng	98
58) Fluorene	15.787	166	1208543	41.100	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.357	232	383630	43.554	ng	99
60) Diethylphthalate	15.546	149	1240706	40.977	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	684111	42.939	ng	100
62) 4-Nitroaniline	15.804	138	258395	36.218	ng	89
63) Azobenzene	16.069	77	1153752	42.118	ng	97
65) 4,6-Dinitro-2-methylph...	15.857	198	227379	43.461	ng	97
66) n-Nitrosodiphenylamine	15.993	169	1044744	45.977	ng	98
67) 4-Bromophenyl-phenylether	16.669	248	435738	49.210	ng	99
68) Hexachlorobenzene	16.793	284	464453	48.052	ng	97
69) Atrazine	16.940	200	343437	44.330	ng	99
70) Pentachlorophenol	17.134	266	333513	46.801	ng	100
71) Phenanthrene	17.534	178	1772505	42.175	ng	100
72) Anthracene	17.628	178	1803757	42.923	ng	100
73) Carbazole	17.892	167	1507638	39.851	ng	100
74) Di-n-butylphthalate	18.422	149	1908601	43.059	ng	99
75) Fluoranthene	19.486	202	2024891	38.649	ng	98
77) Benzidine	19.663	184	647607	47.866	ng	99
78) Pyrene	19.839	202	2065021	45.638	ng	100
80) Butylbenzylphthalate	20.692	149	778195	48.389	ng	98
81) Benzo(a)anthracene	21.551	228	2051818	43.274	ng	100
82) 3,3'-Dichlorobenzidine	21.475	252	691991	46.389	ng	100
83) Chrysene	21.610	228	1962507	42.725	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	1196611	47.725	ng	100
85) Di-n-octyl phthalate	22.422	149	2155928	48.255	ng	100
87) Indeno(1,2,3-cd)pyrene	26.804	276	2916339	46.079	ng	96
88) Benzo(b)fluoranthene	23.333	252	2160732	41.993	ng	99
89) Benzo(k)fluoranthene	23.386	252	2195248	42.030	ng	99
90) Benzo(a)pyrene	24.004	252	2169663	43.616	ng	99
91) Dibenzo(a,h)anthracene	26.827	278	2433908	45.900	ng	97
92) Benzo(g,h,i)perylene	27.639	276	2408450	45.933	ng	96

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

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