Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042473.D
Acq On : 27 Oct 2023 12:08
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Oct 27 12:41:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.993	152	145860	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	657650	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	437049	20.000	ng		0.00
64) Phenanthrene-d10	17.386	188	1012206	20.000	ng		-0.01
76) Chrysene-d12	21.574	240	969278	20.000	ng		# 0.00
86) Perylene-d12	24.033	264	1056393	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	718041	69.575	ng		0.00
7) Phenol-d6	7.146	99	1028748	74.382	ng		0.00
23) Nitrobenzene-d5	9.192	82	1119877	75.299	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	492451	104.017	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	2494531	76.860	ng		-0.01
79) Terphenyl-d14	19.998	244	4580953	83.818	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	174961	36.002	ng		97
3) Pyridine	3.805	79	472428	33.134	ng		97
4) n-Nitrosodimethylamine	3.734	42	224856	31.235	ng		92
6) Aniline	7.334	93	666715	37.862	ng		98
8) 2-Chlorophenol	7.546	128	392733	38.350	ng		96
9) Benzaldehyde	7.151	77	292900	36.360	ng		95
10) Phenol	7.175	94	529709	37.066	ng		99
11) bis(2-Chloroethyl)ether	7.428	93	421725	35.943	ng		96
12) 1,3-Dichlorobenzene	7.869	146	407949	38.514	ng		97
13) 1,4-Dichlorobenzene	8.028	146	419348	39.330	ng		98
14) 1,2-Dichlorobenzene	8.340	146	411841	40.226	ng		98
15) Benzyl Alcohol	8.251	79	416405	40.615	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	674671	36.340	ng		98
17) 2-Methylphenol	8.434	107	392026	41.570	ng		98
18) Hexachloroethane	9.057	117	162846	39.673	ng	#	88
19) n-Nitroso-di-n-propyla...	8.810	70	402363	42.923	ng		97
20) 3+4-Methylphenols	8.769	107	546008	43.166	ng		98
22) Acetophenone	8.840	105	692371	38.590	ng		97
24) Nitrobenzene	9.234	77	558927	37.565	ng		96
25) Isophorone	9.745	82	1099747	43.512	ng		97
26) 2-Nitrophenol	9.934	139	247948	43.563	ng		95
27) 2,4-Dimethylphenol	9.975	122	434548	42.387	ng		98
28) bis(2-Chloroethoxy)met...	10.228	93	627773	39.204	ng		99
29) 2,4-Dichlorophenol	10.457	162	423987	47.556	ng		96
30) 1,2,4-Trichlorobenzene	10.663	180	426034	44.575	ng		99
31) Naphthalene	10.863	128	1389556	41.136	ng		100
32) Benzoic acid	10.128	122	377429	50.076	ng		99
33) 4-Chloroaniline	10.998	127	639135	43.579	ng		99
34) Hexachlorobutadiene	11.086	225	256459	49.587	ng		99
35) Caprolactam	11.839	113	170943	48.265	ng		90
36) 4-Chloro-3-methylphenol	12.098	107	506671	47.094	ng		99
37) 2-Methylnaphthalene	12.469	142	1026165	45.127	ng		99
38) 1-Methylnaphthalene	12.686	142	976800	45.853	ng		99
40) 1,2,4,5-Tetrachloroben...	12.816	216	528718	41.846	ng		98
41) Hexachlorocyclopentadiene	12.763	237	276159	42.581	ng		97
43) 2,4,6-Trichlorophenol	13.069	196	369657	45.195	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	435155	45.006	ng		94
46) 1,1'-Biphenyl	13.475	154	1331389	38.400	ng		97
47) 2-Chloronaphthalene	13.522	162	969984	38.133	ng		99
48) 2-Nitroaniline	13.757	65	400383	36.565	ng		89
49) Acenaphthylene	14.369	152	1666828	40.589	ng		99
50) Dimethylphthalate	14.104	163	1384325	43.182	ng		100
51) 2,6-Dinitrotoluene	14.245	165	302863	42.212	ng		84
52) Acenaphthene	14.704	154	995376	40.092	ng		99
53) 3-Nitroaniline	14.586	138	346641	40.905	ng		96
54) 2,4-Dinitrophenol	14.786	184	193518	46.922	ng		92
55) Dibenzofuran	15.039	168	1625272	41.389	ng		97
56) 4-Nitrophenol	14.874	139	281767	43.155	ng		91
57) 2,4-Dinitrotoluene	15.027	165	419216	43.700	ng		83
58) Fluorene	15.686	166	1309150	42.249	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	373749	51.456	ng		88
60) Diethylphthalate	15.445	149	1391983	44.001	ng		97
61) 4-Chlorophenyl-phenyle...	15.674	204	679800	46.584	ng		92
62) 4-Nitroaniline	15.751	138	349041	42.826	ng		94
63) Azobenzene	15.969	77	1457003	38.388	ng		94
65) 4,6-Dinitro-2-methylph...	15.780	198	271533	42.758	ng	#	78
66) n-Nitrosodiphenylamine	15.898	169	1160280	38.058	ng		96
67) 4-Bromophenyl-phenylether	16.568	248	426686	45.483	ng		94
68) Hexachlorobenzene	16.657	284	465632	46.434	ng	#	90
69) Atrazine	16.845	200	359608	46.513	ng		98
70) Pentachlorophenol	17.015	266	362278	46.024	ng		99
71) Phenanthrene	17.433	178	2143874	38.934	ng		100
72) Anthracene	17.521	178	2205989	40.451	ng		99
73) Carbazole	17.810	167	2057183	40.210	ng		99
74) Di-n-butylphthalate	18.327	149	2604226	40.657	ng		99
75) Fluoranthene	19.445	202	2726382	44.957	ng		97
77) Benzidine	19.651	184	652530	46.543	ng		99
78) Pyrene	19.809	202	2842056	41.960	ng		100
80) Butylbenzylphthalate	20.686	149	1266430	41.706	ng	#	90
81) Benzo(a)anthracene	21.556	228	2713073	41.753	ng		100
82) 3,3'-Dichlorobenzidine	21.492	252	974009	50.214	ng	#	97
83) Chrysene	21.609	228	2503101	40.108	ng		99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1842445	42.618	ng	#	95
85) Di-n-octyl phthalate	22.374	149	3079705	41.559	ng		94
87) Indeno(1,2,3-cd)pyrene	26.627	276	2774424	35.938	ng	#	92
88) Benzo(b)fluoranthene	23.274	252	2496343	39.259	ng	#	97
89) Benzo(k)fluoranthene	23.327	252	2492794	37.760	ng	#	96
90) Benzo(a)pyrene	23.927	252	2408401	39.351	ng	#	97
91) Dibenzo(a,h)anthracene	26.644	278	2309240	35.977	ng	#	96
92) Benzo(g,h,i)perylene	27.438	276	2212280	35.490	ng	#	92

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

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