Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102123\
Data File : BM042389.D
Acq On : 20 Oct 2023 22:05
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Oct 21 02:27:16 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 02:15:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152	124968	20.000	ng		0.00
21) Naphthalene-d8	10.822	136	522085	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	274998	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	556300	20.000	ng		0.00
76) Chrysene-d12	21.580	240	517570	20.000	ng		0.00
86) Perylene-d12	24.044	264	522871	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1079464	122.081	ng		0.00
7) Phenol-d6	7.151	99	1466427	123.753	ng		0.00
23) Nitrobenzene-d5	9.198	82	1489159	126.129	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	374784	123.875	ng		0.00
45) 2-Fluorobiphenyl	13.269	172	2573165	126.003	ng		0.00
79) Terphenyl-d14	20.009	244	3808202	130.491	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	246629	59.234	ng		99
3) Pyridine	3.810	79	745525	61.014	ng		99
4) n-Nitrosodimethylamine	3.740	42	373366	60.536	ng		95
6) Aniline	7.339	93	946361	62.727	ng		99
8) 2-Chlorophenol	7.551	128	544988	62.115	ng		98
9) Benzaldehyde	7.157	77	363025	52.599	ng		99
10) Phenol	7.181	94	755166	61.676	ng		100
11) bis(2-Chloroethyl)ether	7.434	93	610776	60.758	ng		100
12) 1,3-Dichlorobenzene	7.881	146	551990	60.825	ng		99
13) 1,4-Dichlorobenzene	8.034	146	559244	61.219	ng		99
14) 1,2-Dichlorobenzene	8.345	146	531868	60.634	ng		99
15) Benzyl Alcohol	8.257	79	558837	63.620	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	963209	60.557	ng		99
17) 2-Methylphenol	8.439	107	509268	63.030	ng		99
18) Hexachloroethane	9.063	117	219473	62.408	ng		97
19) n-Nitroso-di-n-propyla...	8.822	70	516288	64.284	ng		99
20) 3+4-Methylphenols	8.775	107	688756	63.554	ng		97
22) Acetophenone	8.851	105	878836	61.702	ng	#	98
24) Nitrobenzene	9.239	77	741262	62.755	ng		99
25) Isophorone	9.751	82	1298354	64.709	ng		100
26) 2-Nitrophenol	9.945	139	283029	61.453	ng		97
27) 2,4-Dimethylphenol	9.980	122	514142	63.172	ng		99
28) bis(2-Chloroethoxy)met...	10.239	93	784961	61.749	ng		99
29) 2,4-Dichlorophenol	10.463	162	456964	64.564	ng		99
30) 1,2,4-Trichlorobenzene	10.669	180	470672	62.032	ng		98
31) Naphthalene	10.875	128	1643601	61.291	ng		100
32) Benzoic acid	10.128	122	374280	61.226	ng		93
33) 4-Chloroaniline	11.004	127	733397	62.991	ng		98
34) Hexachlorobutadiene	11.098	225	260503	63.447	ng		99
35) Caprolactam	11.839	113	167608	58.218	ng		99
36) 4-Chloro-3-methylphenol	12.104	107	549418	64.327	ng		99
37) 2-Methylnaphthalene	12.474	142	1122574	62.186	ng		99
38) 1-Methylnaphthalene	12.692	142	1053711	62.308	ng		100
40) 1,2,4,5-Tetrachloroben...	12.821	216	516204	64.931	ng		99
41) Hexachlorocyclopentadiene	12.769	237	262950	62.088	ng		99
43) 2,4,6-Trichlorophenol	13.074	196	344043	66.851	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	404335	66.462	ng	99
46) 1,1'-Biphenyl	13.480	154	1358435	62.268	ng	99
47) 2-Chloronaphthalene	13.533	162	996363	62.252	ng	99
48) 2-Nitroaniline	13.763	65	429115	59.723	ng	99
49) Acenaphthylene	14.374	152	1647495	63.759	ng	100
50) Dimethylphthalate	14.110	163	1265176	62.722	ng	99
51) 2,6-Dinitrotoluene	14.251	165	275453	59.729	ng	97
52) Acenaphthene	14.710	154	983206	62.938	ng	99
53) 3-Nitroaniline	14.592	138	326407	59.594	ng	94
54) 2,4-Dinitrophenol	14.792	184	158667	58.667	ng	96
55) Dibenzofuran	15.045	168	1550697	62.760	ng	99
56) 4-Nitrophenol	14.874	139	268797	65.429	ng	99
57) 2,4-Dinitrotoluene	15.033	165	372410	60.024	ng	95
58) Fluorene	15.692	166	1243826	63.795	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.257	232	307413	67.263	ng	97
60) Diethylphthalate	15.457	149	1270151	63.809	ng	99
61) 4-Chlorophenyl-phenyle...	15.680	204	602708	65.639	ng	97
62) 4-Nitroaniline	15.757	138	315049	59.782	ng	97
63) Azobenzene	15.974	77	1558045	65.240	ng	99
65) 4,6-Dinitro-2-methylph...	15.780	198	216023	59.172	ng	99
66) n-Nitrosodiphenylamine	15.910	169	1060707	63.304	ng	99
67) 4-Bromophenyl-phenylether	16.580	248	340248	65.992	ng	96
68) Hexachlorobenzene	16.662	284	351202	63.725	ng	96
69) Atrazine	16.851	200	277761	65.370	ng	99
70) Pentachlorophenol	17.021	266	263621	58.997	ng	99
71) Phenanthrene	17.439	178	1888554	62.405	ng	99
72) Anthracene	17.533	178	1927769	64.319	ng	99
73) Carbazole	17.815	167	1791790	63.726	ng	100
74) Di-n-butylphthalate	18.339	149	2157450	59.855	ng	100
75) Fluoranthene	19.450	202	2201368	66.048	ng	99
77) Benzidine	19.656	184	429358	57.353	ng	99
78) Pyrene	19.815	202	2312461	63.938	ng	100
80) Butylbenzylphthalate	20.697	149	998421	60.024	ng	96
81) Benzo(a)anthracene	21.562	228	2239508	64.545	ng	100
82) 3,3'-Dichlorobenzidine	21.503	252	690101	66.627	ng	97
83) Chrysene	21.615	228	2118374	63.567	ng	99
84) Bis(2-ethylhexyl)phtha...	21.444	149	1418448	59.957	ng	97
85) Di-n-octyl phthalate	22.386	149	2456424	59.995	ng	99
87) Indeno(1,2,3-cd)pyrene	26.644	276	2480579	64.917	ng	98
88) Benzo(b)fluoranthene	23.285	252	2062151	65.521	ng	98
89) Benzo(k)fluoranthene	23.333	252	2120795	64.904	ng	99
90) Benzo(a)pyrene	23.938	252	2009056	66.321	ng	98
91) Dibenzo(a,h)anthracene	26.662	278	2082636	65.554	ng	98
92) Benzo(g,h,i)perylene	27.462	276	1991481	64.546	ng	97

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

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