Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110321\
Data File : BM032865.D
Acq On : 03 Nov 2021 17:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 03 18:25:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.484	152	129371	20.000	ng		0.00
21) Naphthalene-d8	10.272	136	572354	20.000	ng	#	0.00
39) Acenaphthene-d10	14.154	164	398876	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	834648	20.000	ng	#	0.00
76) Chrysene-d12	21.071	240	789167	20.000	ng	#	0.00
86) Perylene-d12	23.183	264	839327	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.072	112	581679	78.386	ng		0.00
7) Phenol-d6	6.690	99	890157	80.551	ng		0.00
23) Nitrobenzene-d5	8.643	82	848962	81.184	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	370828	83.012	ng		0.00
45) 2-Fluorobiphenyl	12.766	172	2023855	78.695	ng		0.00
79) Terphenyl-d14	19.518	244	2915524	80.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.908	88	117515	41.251	ng		90
3) Pyridine	3.313	79	340133	39.123	ng		89
4) n-Nitrosodimethylamine	3.231	42	143299	38.840	ng	#	68
6) Aniline	6.819	93	495458	40.155	ng		93
8) 2-Chlorophenol	7.060	128	342149	39.572	ng		95
9) Benzaldehyde	6.625	77	232520	37.281	ng		87
10) Phenol	6.719	94	425202	40.089	ng		84
11) bis(2-Chloroethyl)ether	6.919	93	336610	40.195	ng		94
12) 1,3-Dichlorobenzene	7.378	146	370282	38.760	ng	#	93
13) 1,4-Dichlorobenzene	7.519	146	379042	38.729	ng		98
14) 1,2-Dichlorobenzene	7.843	146	376366	39.079	ng		97
15) Benzyl Alcohol	7.737	79	332886	42.319	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.025	45	481523	40.002	ng		97
17) 2-Methylphenol	7.960	107	304064	40.810	ng	#	92
18) Hexachloroethane	8.566	117	138874	40.129	ng		91
19) n-Nitroso-di-n-propyla...	8.301	70	284053	41.982	ng	#	87
20) 3+4-Methylphenols	8.290	107	422601	41.440	ng		92
22) Acetophenone	8.307	105	558432	39.942	ng	#	91
24) Nitrobenzene	8.684	77	408906	40.811	ng	#	90
25) Isophorone	9.207	82	772482	41.804	ng		96
26) 2-Nitrophenol	9.395	139	207556	44.373	ng	#	76
27) 2,4-Dimethylphenol	9.478	122	313322	40.710	ng		96
28) bis(2-Chloroethoxy)met...	9.690	93	502258	40.681	ng		99
29) 2,4-Dichlorophenol	9.937	162	362404	41.059	ng		97
30) 1,2,4-Trichlorobenzene	10.142	180	389972	39.753	ng		98
31) Naphthalene	10.319	128	1169382	39.361	ng		99
32) Benzoic acid	9.666	122	282401	45.373	ng	#	82
33) 4-Chloroaniline	10.437	127	505552	40.752	ng		95
34) Hexachlorobutadiene	10.625	225	238341	39.967	ng		98
35) Caprolactam	11.219	113	127369	43.033	ng		88
36) 4-Chloro-3-methylphenol	11.589	107	422646	41.858	ng		98
37) 2-Methylnaphthalene	11.942	142	841340	40.294	ng		95
38) 1-Methylnaphthalene	12.166	142	829427	40.163	ng		98
40) 1,2,4,5-Tetrachloroben...	12.331	216	441326	40.022	ng	#	97
41) Hexachlorocyclopentadiene	12.313	237	247818	42.793	ng		98
43) 2,4,6-Trichlorophenol	12.578	196	324425	42.042	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	352859	41.377	ng	#	92
46) 1,1'-Biphenyl	12.978	154	1137586	39.466	ng		99
47) 2-Chloronaphthalene	13.013	162	878406	39.694	ng		99
48) 2-Nitroaniline	13.225	65	282979	43.520	ng	#	84
49) Acenaphthylene	13.872	152	1426757	40.184	ng		100
50) Dimethylphthalate	13.619	163	1155512	39.814	ng		100
51) 2,6-Dinitrotoluene	13.730	165	249187	42.007	ng	#	64
52) Acenaphthene	14.219	154	838639	39.652	ng		98
53) 3-Nitroaniline	14.060	138	272340	42.185	ng		89
54) 2,4-Dinitrophenol	14.266	184	163463	42.539	ng	#	66
55) Dibenzofuran	14.554	168	1399417	39.414	ng		93
56) 4-Nitrophenol	14.395	139	229043	43.540	ng	#	70
57) 2,4-Dinitrotoluene	14.524	165	339455	42.243	ng	#	61
58) Fluorene	15.201	166	1049141	39.413	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	312922	40.932	ng	#	84
60) Diethylphthalate	14.989	149	1180795	40.587	ng		96
61) 4-Chlorophenyl-phenyle...	15.195	204	541916	38.506	ng		93
62) 4-Nitroaniline	15.230	138	291230	42.914	ng	#	75
63) Azobenzene	15.489	77	1138148	40.889	ng		88
65) 4,6-Dinitro-2-methylph...	15.295	198	229002	43.525	ng	#	73
66) n-Nitrosodiphenylamine	15.419	169	980622	40.078	ng		97
67) 4-Bromophenyl-phenylether	16.089	248	346243	40.366	ng		92
68) Hexachlorobenzene	16.218	284	374315	39.815	ng	#	85
69) Atrazine	16.366	200	338588	41.218	ng		96
70) Pentachlorophenol	16.560	266	256379	43.579	ng		98
71) Phenanthrene	16.930	178	1744527	39.419	ng		100
72) Anthracene	17.018	178	1743900	39.923	ng		99
73) Carbazole	17.295	167	1740027	39.973	ng		98
74) Di-n-butylphthalate	17.854	149	2054757	43.044	ng	#	97
75) Fluoranthene	18.948	202	2017752	39.739	ng		97
77) Benzidine	19.136	184	1004661	46.453	ng		98
78) Pyrene	19.312	202	2087517	39.483	ng		99
80) Butylbenzylphthalate	20.212	149	944299	44.436	ng		92
81) Benzo(a)anthracene	21.059	228	2007233	39.867	ng		99
82) 3,3'-Dichlorobenzidine	20.995	252	657247	41.580	ng		99
83) Chrysene	21.106	228	1949051	39.404	ng		100
84) Bis(2-ethylhexyl)phtha...	20.989	149	1246982	43.990	ng		95
85) Di-n-octyl phthalate	21.830	149	2310747	45.708	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.271	276	2174229	41.913	ng		96
88) Benzo(b)fluoranthene	22.559	252	2012798	39.387	ng		98
89) Benzo(k)fluoranthene	22.600	252	1911851	38.380	ng		99
90) Benzo(a)pyrene	23.095	252	1687411	39.964	ng		99
91) Dibenzo(a,h)anthracene	25.271	278	1821460	42.167	ng	#	96
92) Benzo(g,h,i)perylene	25.912	276	1855659	43.190	ng		96

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

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