Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016395.D
Acq On : 27 Jul 2023 12:12
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 27 17:35:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 17:32:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	332193	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	1430895	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	888395	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	1951927	20.000	ng		0.00
76) Chrysene-d12	21.592	240	1869811	20.000	ng		0.00
86) Perylene-d12	24.192	264	2170848	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	430231	21.129	ng		0.00
7) Phenol-d6	7.222	99	595344	21.331	ng		0.00
23) Nitrobenzene-d5	9.287	82	521844	20.415	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	206062	15.767	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	1309794	21.137	ng		0.00
79) Terphenyl-d14	20.039	244	1956104	22.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	87244	10.986	ng		98
3) Pyridine	3.875	79	251132	10.747	ng		97
4) n-Nitrosodimethylamine	3.805	42	98669	11.024	ng	#	92
6) Aniline	7.416	93	367582	10.663	ng		98
8) 2-Chlorophenol	7.640	128	223300	10.459	ng		95
9) Benzaldehyde	7.240	77	187382	10.235	ng		97
10) Phenol	7.246	94	291795	10.766	ng		99
11) bis(2-Chloroethyl)ether	7.522	93	239456	10.868	ng		98
12) 1,3-Dichlorobenzene	7.975	146	243210	10.611	ng		97
13) 1,4-Dichlorobenzene	8.128	146	246000	10.581	ng		99
14) 1,2-Dichlorobenzene	8.440	146	238058	10.635	ng		99
15) Benzyl Alcohol	8.340	79	201344	10.559	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.628	45	282203	11.294	ng		99
17) 2-Methylphenol	8.522	107	207426	10.619	ng		99
18) Hexachloroethane	9.169	117	89488	10.791	ng		92
19) n-Nitroso-di-n-propyla...	8.904	70	191550	10.955	ng		96
20) 3+4-Methylphenols	8.852	107	277640	10.465	ng		99
22) Acetophenone	8.934	105	376318	10.416	ng	#	97
24) Nitrobenzene	9.328	77	269110	10.250	ng		95
25) Isophorone	9.840	82	532017	10.309	ng		97
26) 2-Nitrophenol	10.034	139	81228	9.836	ng		92
27) 2,4-Dimethylphenol	10.069	122	234476	10.156	ng		99
28) bis(2-Chloroethoxy)met...	10.334	93	328379	10.388	ng		100
29) 2,4-Dichlorophenol	10.551	162	200365	9.273	ng		97
30) 1,2,4-Trichlorobenzene	10.775	180	229212	9.794	ng		99
31) Naphthalene	10.975	128	768440	10.267	ng		100
32) Benzoic acid	10.128	122	91643	11.544	ng		96
33) 4-Chloroaniline	11.098	127	336434	9.965	ng		98
34) Hexachlorobutadiene	11.216	225	129265	9.329	ng		97
35) Caprolactam	11.881	113	76300	9.662	ng		95
36) 4-Chloro-3-methylphenol	12.181	107	235298	9.797	ng		99
37) 2-Methylnaphthalene	12.575	142	553286	10.176	ng		99
38) 1-Methylnaphthalene	12.793	142	518935	10.180	ng		98
40) 1,2,4,5-Tetrachloroben...	12.916	216	260120	9.635	ng		99
41) Hexachlorocyclopentadiene	12.875	237	117444	8.662	ng		99
43) 2,4,6-Trichlorophenol	13.163	196	155366	8.969	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	192972	9.182	ng		95
46) 1,1'-Biphenyl	13.575	154	699933	10.336	ng		99
47) 2-Chloronaphthalene	13.622	162	522744	10.232	ng		100
48) 2-Nitroaniline	13.839	65	133987	9.304	ng		98
49) Acenaphthylene	14.463	152	868820	10.249	ng		100
50) Dimethylphthalate	14.192	163	710399	10.262	ng		99
51) 2,6-Dinitrotoluene	14.328	165	133486	9.412	ng		91
52) Acenaphthene	14.798	154	518451	10.285	ng		98
53) 3-Nitroaniline	14.663	138	150479	9.385	ng	#	90
54) 2,4-Dinitrophenol	14.857	184	35252	12.783	ng		92
55) Dibenzofuran	15.134	168	849213	10.272	ng		97
56) 4-Nitrophenol	14.928	139	115825	9.228	ng		88
57) 2,4-Dinitrotoluene	15.104	165	161086	8.715	ng		89
58) Fluorene	15.781	166	677858	10.436	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.339	232	155916	9.019	ng	#	92
60) Diethylphthalate	15.545	149	704127	10.235	ng		98
61) 4-Chlorophenyl-phenyle...	15.775	204	329777	10.062	ng		95
62) 4-Nitroaniline	15.822	138	150115	9.434	ng		92
63) Azobenzene	16.069	77	699904	10.774	ng		93
65) 4,6-Dinitro-2-methylph...	15.851	198	54475	11.479	ng		83
66) n-Nitrosodiphenylamine	15.992	169	589506	10.248	ng		100
67) 4-Bromophenyl-phenylether	16.681	248	191347	9.258	ng	#	93
68) Hexachlorobenzene	16.757	284	215092	9.332	ng	#	91
69) Atrazine	16.945	200	175009	10.230	ng		96
70) Pentachlorophenol	17.116	266	125761	7.885	ng		93
71) Phenanthrene	17.539	178	1081042	10.430	ng		100
72) Anthracene	17.633	178	1064626	10.215	ng		99
73) Carbazole	17.904	167	1011979	10.357	ng		100
74) Di-n-butylphthalate	18.427	149	1136892	10.057	ng		99
75) Fluoranthene	19.498	202	1211063	9.969	ng		98
77) Benzidine	19.692	184	382172	11.789	ng		99
78) Pyrene	19.851	202	1292993	10.316	ng		99
80) Butylbenzylphthalate	20.716	149	471642	9.578	ng		91
81) Benzo(a)anthracene	21.574	228	1289623	10.280	ng		98
82) 3,3'-Dichlorobenzidine	21.504	252	392282	9.525	ng	#	97
83) Chrysene	21.627	228	1244950	10.392	ng		98
84) Bis(2-ethylhexyl)phtha...	21.469	149	737348	9.974	ng		97
85) Di-n-octyl phthalate	22.463	149	1224013	9.844	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.962	276	1455940	9.948	ng	#	95
88) Benzo(b)fluoranthene	23.380	252	1219111	9.689	ng	#	97
89) Benzo(k)fluoranthene	23.433	252	1295252	10.121	ng	#	98
90) Benzo(a)pyrene	24.068	252	1189402	9.758	ng	#	98
91) Dibenzo(a,h)anthracene	26.998	278	1225056	10.037	ng		97
92) Benzo(g,h,i)perylene	27.821	276	1187615	10.097	ng		96

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

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