Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
Data File : BP013823.D
Acq On : 16 Feb 2023 12:17
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Feb 17 00:51:26 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 17 00:45:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.111	152	139787	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	518707	20.000	ng		0.00
39) Acenaphthene-d10	14.746	164	331018	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	755005	20.000	ng		0.00
76) Chrysene-d12	21.575	240	858400	20.000	ng		0.00
86) Perylene-d12	24.127	264	955130	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.646	112	78061	9.204	ng		0.00
7) Phenol-d6	7.258	99	97978	9.020	ng		0.00
23) Nitrobenzene-d5	9.281	82	79303	8.256	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	39209	8.137	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	247030	9.802	ng		0.00
79) Terphenyl-d14	20.028	244	424330	9.511	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	18674	5.065	ng		95
3) Pyridine	3.923	79	42287m	4.252	ng		
4) n-Nitrosodimethylamine	3.817	42	15785	4.238	ng	#	85
6) Aniline	7.428	93	64300	4.556	ng		98
8) 2-Chlorophenol	7.669	128	43393	4.850	ng		95
9) Benzaldehyde	7.246	77	28520	5.519	ng		98
10) Phenol	7.281	94	51848	4.586	ng		99
11) bis(2-Chloroethyl)ether	7.522	93	45134	4.988	ng		97
12) 1,3-Dichlorobenzene	7.999	146	49773	4.948	ng		95
13) 1,4-Dichlorobenzene	8.146	146	52039	5.121	ng		99
14) 1,2-Dichlorobenzene	8.469	146	45423	4.789	ng		97
15) Benzyl Alcohol	8.352	79	32272	4.234	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.634	45	48327m	4.998	ng		
17) 2-Methylphenol	8.552	107	32980	4.286	ng		98
18) Hexachloroethane	9.205	117	17057	4.792	ng		99
19) n-Nitroso-di-n-propyla...	8.922	70	28602	4.499	ng		99
20) 3+4-Methylphenols	8.881	107	44427	4.290	ng		97
22) Acetophenone	8.940	105	61631	4.711	ng	#	99
24) Nitrobenzene	9.328	77	42934	4.283	ng		95
25) Isophorone	9.852	82	79469	4.293	ng		99
26) 2-Nitrophenol	10.040	139	14367	5.634	ng		95
27) 2,4-Dimethylphenol	10.093	122	33295	4.301	ng		96
28) bis(2-Chloroethoxy)met...	10.334	93	54854	4.642	ng		99
29) 2,4-Dichlorophenol	10.581	162	32790	3.948	ng		96
30) 1,2,4-Trichlorobenzene	10.793	180	46747	4.796	ng		98
31) Naphthalene	10.987	128	135648	4.770	ng		99
33) 4-Chloroaniline	11.099	127	48552	4.066	ng		95
34) Hexachlorobutadiene	11.269	225	30902	4.771	ng		98
36) 4-Chloro-3-methylphenol	12.204	107	37500	4.052	ng		97
37) 2-Methylnaphthalene	12.581	142	97928	4.757	ng		94
38) 1-Methylnaphthalene	12.799	142	91533	4.751	ng		99
40) 1,2,4,5-Tetrachloroben...	12.946	216	55798	4.674	ng		99
41) Hexachlorocyclopentadiene	12.922	237	24487	3.862	ng		93
43) 2,4,6-Trichlorophenol	13.181	196	28918	3.872	ng		94
44) 2,4,5-Trichlorophenol	13.251	196	35660	4.018	ng		96
46) 1,1'-Biphenyl	13.581	154	128994	4.821	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.628	162	94878	4.655	ng	98
48) 2-Nitroaniline	13.828	65	15591	5.742	ng	97
49) Acenaphthylene	14.469	152	139051	4.328	ng	99
50) Dimethylphthalate	14.193	163	124494	4.622	ng	99
51) 2,6-Dinitrotoluene	14.316	165	18245	4.958	ng	94
52) Acenaphthene	14.810	154	92710	4.742	ng	99
53) 3-Nitroaniline	14.651	138	18811	4.949	ng	97
55) Dibenzofuran	15.140	168	156790	4.819	ng	98
57) 2,4-Dinitrotoluene	15.098	165	22520	4.988	ng	96
58) Fluorene	15.793	166	121851	4.777	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.363	232	33088	4.330	ng	99
60) Diethylphthalate	15.551	149	117747	4.483	ng	99
61) 4-Chlorophenyl-phenyle...	15.781	204	66385	4.803	ng	97
62) 4-Nitroaniline	15.810	138	17723	5.209	ng	88
63) Azobenzene	16.075	77	98774	4.157	ng	98
66) n-Nitrosodiphenylamine	15.993	169	102217	4.470	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	40126	4.503	ng	94
68) Hexachlorobenzene	16.798	284	45194	4.646	ng	97
69) Atrazine	16.939	200	31570	4.049	ng	97
70) Pentachlorophenol	17.145	266	27134	3.783	ng	98
71) Phenanthrene	17.539	178	203417	4.809	ng	98
72) Anthracene	17.634	178	187076	4.423	ng	100
73) Carbazole	17.898	167	164936	4.332	ng	99
74) Di-n-butylphthalate	18.428	149	183897	4.122	ng	99
75) Fluoranthene	19.492	202	243908	4.626	ng	98
78) Pyrene	19.845	202	259574	4.425	ng	100
80) Butylbenzylphthalate	20.698	149	79308	3.804	ng	96
81) Benzo(a)anthracene	21.557	228	279067	4.540	ng	99
82) 3,3'-Dichlorobenzidine	21.480	252	75314	3.894	ng	97
83) Chrysene	21.616	228	283305	4.758	ng	99
84) Bis(2-ethylhexyl)phtha...	21.457	149	121099	3.726	ng	99
87) Indeno(1,2,3-cd)pyrene	26.815	276	326544	4.395	ng	98
88) Benzo(b)fluoranthene	23.339	252	272394	4.509	ng	99
89) Benzo(k)fluoranthene	23.392	252	277860	4.531	ng	99
90) Benzo(a)pyrene	24.016	252	254678	4.361	ng	99
91) Dibenzo(a,h)anthracene	26.833	278	278746	4.478	ng	99
92) Benzo(g,h,i)perylene	27.651	276	271922	4.417	ng	98

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

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