Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
Data File : BP013824.D
Acq On : 16 Feb 2023 12:52
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Feb 17 00:54:52 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	135838	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	606703	20.000	ng		0.00
39) Acenaphthene-d10	14.746	164	360973	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	808309	20.000	ng		0.00
76) Chrysene-d12	21.575	240	891304	20.000	ng		0.00
86) Perylene-d12	24.127	264	1002835	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.646	112	166373	20.186	ng		0.00
7) Phenol-d6	7.258	99	206003	19.516	ng		0.00
23) Nitrobenzene-d5	9.281	82	172546	15.358	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	93115	17.721	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	558913	20.337	ng		0.00
79) Terphenyl-d14	20.028	244	902224	19.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.499	88	37573	10.488	ng		97
3) Pyridine	3.917	79	100030m	10.350	ng		
4) n-Nitrosodimethylamine	3.823	42	38344	10.595	ng	#	90
6) Aniline	7.428	93	130369	9.505	ng		99
8) 2-Chlorophenol	7.669	128	86198	9.915	ng		99
9) Benzaldehyde	7.246	77	56976	11.345	ng		97
10) Phenol	7.281	94	106595	9.702	ng		95
11) bis(2-Chloroethyl)ether	7.522	93	86986	9.892	ng		95
12) 1,3-Dichlorobenzene	7.999	146	99315	10.160	ng		96
13) 1,4-Dichlorobenzene	8.146	146	99110	10.037	ng		98
14) 1,2-Dichlorobenzene	8.469	146	96303	10.448	ng		99
15) Benzyl Alcohol	8.352	79	69296	9.357	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.646	45	95716m	10.187	ng		
17) 2-Methylphenol	8.552	107	71751	9.596	ng		97
18) Hexachloroethane	9.205	117	34029	9.838	ng		97
19) n-Nitroso-di-n-propyla...	8.922	70	58777	9.514	ng		99
20) 3+4-Methylphenols	8.881	107	95394	9.479	ng		99
22) Acetophenone	8.940	105	128495	8.397	ng	#	96
24) Nitrobenzene	9.328	77	90523	7.721	ng		99
25) Isophorone	9.858	82	172126	7.950	ng		98
26) 2-Nitrophenol	10.040	139	36181	8.939	ng		93
27) 2,4-Dimethylphenol	10.093	122	79701	8.802	ng		93
28) bis(2-Chloroethoxy)met...	10.334	93	126257	9.135	ng		97
29) 2,4-Dichlorophenol	10.575	162	82727	8.516	ng		100
30) 1,2,4-Trichlorobenzene	10.799	180	109061	9.567	ng		99
31) Naphthalene	10.987	128	322447	9.694	ng		99
32) Benzoic acid	10.169	122	40037	10.090	ng		97
33) 4-Chloroaniline	11.093	127	122039	8.737	ng		99
34) Hexachlorobutadiene	11.269	225	71220	9.401	ng		99
35) Caprolactam	11.863	113	21972m	7.084	ng		
36) 4-Chloro-3-methylphenol	12.204	107	93658	8.652	ng		99
37) 2-Methylnaphthalene	12.581	142	225558	9.368	ng		99
38) 1-Methylnaphthalene	12.799	142	210614	9.346	ng		99
40) 1,2,4,5-Tetrachloroben...	12.946	216	127822	9.819	ng		100
41) Hexachlorocyclopentadiene	12.922	237	57879	8.370	ng		100
43) 2,4,6-Trichlorophenol	13.181	196	72802	8.940	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	88238	9.116	ng	97
46) 1,1'-Biphenyl	13.581	154	289189	9.912	ng	99
47) 2-Chloronaphthalene	13.628	162	219825	9.890	ng	99
48) 2-Nitroaniline	13.828	65	42147	9.457	ng	95
49) Acenaphthylene	14.469	152	326901	9.330	ng	99
50) Dimethylphthalate	14.193	163	273048	9.296	ng	100
51) 2,6-Dinitrotoluene	14.316	165	47591	9.092	ng	98
52) Acenaphthene	14.810	154	197241	9.251	ng	97
53) 3-Nitroaniline	14.651	138	47747	8.854	ng	95
54) 2,4-Dinitrophenol	14.851	184	22157	10.165	ng	94
55) Dibenzofuran	15.140	168	337493	9.513	ng	98
56) 4-Nitrophenol	14.945	139	37508m	7.144	ng	
57) 2,4-Dinitrotoluene	15.098	165	58747	8.756	ng	94
58) Fluorene	15.793	166	269426	9.686	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.363	232	73816	8.859	ng	98
60) Diethylphthalate	15.551	149	266370	9.300	ng	99
61) 4-Chlorophenyl-phenyle...	15.781	204	145254	9.637	ng	97
62) 4-Nitroaniline	15.810	138	46082	8.895	ng	97
63) Azobenzene	16.075	77	240063	9.264	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	35536	10.257	ng	94
66) n-Nitrosodiphenylamine	15.993	169	230124	9.399	ng	98
67) 4-Bromophenyl-phenylether	16.681	248	88770	9.304	ng	99
68) Hexachlorobenzene	16.798	284	98504	9.458	ng	99
69) Atrazine	16.945	200	74519	8.927	ng	99
70) Pentachlorophenol	17.145	266	66463	8.656	ng	99
71) Phenanthrene	17.539	178	435085	9.608	ng	100
72) Anthracene	17.634	178	425870	9.406	ng	99
73) Carbazole	17.898	167	383864	9.417	ng	98
74) Di-n-butylphthalate	18.428	149	424498	8.888	ng	99
75) Fluoranthene	19.492	202	532569	9.434	ng	99
77) Benzidine	19.669	184	124298	8.782	ng	99
78) Pyrene	19.845	202	568567	9.335	ng	99
80) Butylbenzylphthalate	20.698	149	178434	8.242	ng	99
81) Benzo(a)anthracene	21.557	228	600735	9.412	ng	99
82) 3,3'-Dichlorobenzidine	21.480	252	174515	8.691	ng	99
83) Chrysene	21.616	228	588650	9.520	ng	99
84) Bis(2-ethylhexyl)phtha...	21.457	149	284150	8.419	ng	99
85) Di-n-octyl phthalate	22.433	149	470716	7.827	ng	99
87) Indeno(1,2,3-cd)pyrene	26.815	276	738096	9.461	ng	99
88) Benzo(b)fluoranthene	23.345	252	589515	9.295	ng	97
89) Benzo(k)fluoranthene	23.392	252	607423	9.435	ng	99
90) Benzo(a)pyrene	24.016	252	555538	9.060	ng	98
91) Dibenzo(a,h)anthracene	26.839	278	620130	9.488	ng	98
92) Benzo(g,h,i)perylene	27.645	276	602932	9.329	ng	99

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

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