Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013439.D
Acq On : 11 Jan 2023 12:19
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jan 12 02:23:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 02:16:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	395258	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1523088	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	987069	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	2222690	20.000	ng		0.00
76) Chrysene-d12	21.410	240	2228980	20.000	ng		0.00
86) Perylene-d12	23.868	264	2434392	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1785838	82.553	ng		0.00
7) Phenol-d6	7.075	99	2406426	85.181	ng		0.00
23) Nitrobenzene-d5	9.087	82	2412671	86.842	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1090111	91.599	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	5760593	79.241	ng		0.00
79) Terphenyl-d14	19.874	244	9251762	81.888	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	391150	40.808	ng		92
3) Pyridine	3.752	79	1163898	42.758	ng		92
4) n-Nitrosodimethylamine	3.664	42	564152	46.246	ng		93
6) Aniline	7.240	93	1458220	42.625	ng		98
8) 2-Chlorophenol	7.475	128	1031054	40.430	ng		97
9) Benzaldehyde	7.052	77	635472	37.489	ng		95
10) Phenol	7.105	94	1337053	42.282	ng		96
11) bis(2-Chloroethyl)ether	7.340	93	1056772	41.510	ng		96
12) 1,3-Dichlorobenzene	7.805	146	1189840	40.101	ng		98
13) 1,4-Dichlorobenzene	7.952	146	1213598	40.161	ng		99
14) 1,2-Dichlorobenzene	8.269	146	1157624	40.363	ng		99
15) Benzyl Alcohol	8.157	79	894799	43.662	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.452	45	1690091	45.835	ng		97
17) 2-Methylphenol	8.363	107	888756	42.521	ng		99
18) Hexachloroethane	8.999	117	416148	40.666	ng		97
19) n-Nitroso-di-n-propyla...	8.728	70	834364	45.475	ng		95
20) 3+4-Methylphenols	8.693	107	1230522	43.303	ng		98
22) Acetophenone	8.746	105	1577880	41.632	ng	#	96
24) Nitrobenzene	9.128	77	1240004	42.825	ng		99
25) Isophorone	9.657	82	2096660	44.434	ng		99
26) 2-Nitrophenol	9.840	139	553565	38.218	ng		94
27) 2,4-Dimethylphenol	9.899	122	832151	41.679	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	1276877	42.201	ng		99
29) 2,4-Dichlorophenol	10.375	162	1031584	41.865	ng		99
30) 1,2,4-Trichlorobenzene	10.587	180	1152142	39.615	ng		99
31) Naphthalene	10.775	128	3382042	40.553	ng		100
32) Benzoic acid	10.028	122	711739	42.052	ng		97
33) 4-Chloroaniline	10.893	127	1343895	43.208	ng		98
34) Hexachlorobutadiene	11.057	225	732388	39.475	ng		99
35) Caprolactam	11.687	113	317860	49.961	ng	#	83
36) 4-Chloro-3-methylphenol	12.010	107	1055851	45.876	ng		97
37) 2-Methylnaphthalene	12.387	142	2378718	42.412	ng		99
38) 1-Methylnaphthalene	12.604	142	2327481	42.615	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1329037	37.742	ng		100
41) Hexachlorocyclopentadiene	12.728	237	614438	34.605	ng		99
43) 2,4,6-Trichlorophenol	12.992	196	904630	40.738	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	998554	41.622	ng	98
46) 1,1'-Biphenyl	13.392	154	3059621	39.203	ng	99
47) 2-Chloronaphthalene	13.440	162	2424252	39.081	ng	100
48) 2-Nitroaniline	13.645	65	750653	45.013	ng	92
49) Acenaphthylene	14.287	152	3828617	41.959	ng	100
50) Dimethylphthalate	14.016	163	3180645	44.054	ng	99
51) 2,6-Dinitrotoluene	14.139	165	681680	46.140	ng	94
52) Acenaphthene	14.628	154	2329537	41.067	ng	100
53) 3-Nitroaniline	14.475	138	718298	44.277	ng	97
54) 2,4-Dinitrophenol	14.681	184	395534	42.176	ng	95
55) Dibenzofuran	14.963	168	3818355	42.062	ng	99
56) 4-Nitrophenol	14.781	139	594034	48.113	ng	95
57) 2,4-Dinitrotoluene	14.928	165	913610	45.639	ng	91
58) Fluorene	15.610	166	3099394	44.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	925462	45.127	ng	99
60) Diethylphthalate	15.381	149	3108948	46.840	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1577818	43.391	ng	98
62) 4-Nitroaniline	15.639	138	736862	47.423	ng	96
63) Azobenzene	15.898	77	2950057	47.826	ng	96
65) 4,6-Dinitro-2-methylph...	15.692	198	566938	39.705	ng	89
66) n-Nitrosodiphenylamine	15.822	169	2677420	38.581	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	1000063	38.051	ng	97
68) Hexachlorobenzene	16.616	284	1162156	37.765	ng	97
69) Atrazine	16.775	200	865638	44.458	ng	99
70) Pentachlorophenol	16.969	266	746870	41.211	ng	98
71) Phenanthrene	17.363	178	5069417	40.082	ng	100
72) Anthracene	17.451	178	4857188	40.907	ng	99
73) Carbazole	17.727	167	4482953	43.067	ng	100
74) Di-n-butylphthalate	18.269	149	5273361	46.059	ng	100
75) Fluoranthene	19.327	202	6139876	45.102	ng	100
77) Benzidine	19.510	184	689666	21.783	ng	99
78) Pyrene	19.680	202	6338638	39.576	ng	100
80) Butylbenzylphthalate	20.545	149	2418346	42.417	ng	97
81) Benzo(a)anthracene	21.392	228	6501881	42.676	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	1963034	43.269	ng	99
83) Chrysene	21.445	228	6203933	41.746	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	3498699	44.520	ng	99
85) Di-n-octyl phthalate	22.245	149	5854952	45.045	ng	97
87) Indeno(1,2,3-cd)pyrene	26.445	276	7714961	38.786	ng	99
88) Benzo(b)fluoranthene	23.115	252	6295894	40.168	ng	100
89) Benzo(k)fluoranthene	23.163	252	6473386	40.826	ng	99
90) Benzo(a)pyrene	23.757	252	5313280	40.394	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	6456228	39.055	ng	99
92) Benzo(g,h,i)perylene	27.233	276	6363371	38.851	ng	100

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

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