Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
Data File : BP009475.D
Acq On : 21 Mar 2022 17:46
Operator : CG/JU
Sample : N1994-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-02-COMPMS

Quant Time: Mar 22 06:11:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 18:26:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	392045	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1506372	20.000	ng		0.00
39) Acenaphthene-d10	14.434	164	879701	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1686093	20.000	ng		0.00
76) Chrysene-d12	21.310	240	1587608	20.000	ng		0.00
86) Perylene-d12	23.710	264	1835700	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2662722	118.582	ng		0.00
7) Phenol-d6	6.987	99	3403389	112.076	ng		0.00
23) Nitrobenzene-d5	8.952	82	2097087	73.979	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	1208317	83.237	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	4617746	72.769	ng		0.00
79) Terphenyl-d14	19.775	244	6108410	69.059	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	407623	45.831	ng		99
3) Pyridine	3.722	79	1117883	46.668	ng		99
4) n-Nitrosodimethylamine	3.628	42	468907	53.153	ng		99
6) Aniline	7.122	93	864544	24.980	ng		98
8) 2-Chlorophenol	7.369	128	1241821	48.499	ng		98
9) Benzaldehyde	6.940	77	649608	45.905	ng		97
10) Phenol	7.010	94	1536039	50.419	ng		99
11) bis(2-Chloroethyl)ether	7.222	93	1161666	48.181	ng		98
12) 1,3-Dichlorobenzene	7.681	146	1351602	46.769	ng		99
13) 1,4-Dichlorobenzene	7.828	146	1366498	46.247	ng		99
14) 1,2-Dichlorobenzene	8.146	146	1318243	46.158	ng		99
15) Benzyl Alcohol	8.040	79	1035010	42.749	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1347807	51.569	ng		98
17) 2-Methylphenol	8.252	107	982314	46.790	ng		99
18) Hexachloroethane	8.869	117	480595	46.411	ng		97
19) n-Nitroso-di-n-propyla...	8.605	70	869094	45.248	ng		99
20) 3+4-Methylphenols	8.581	107	1331929	46.140	ng		99
22) Acetophenone	8.616	105	1717197	46.057	ng	#	99
24) Nitrobenzene	8.993	77	1288749	48.127	ng		97
25) Isophorone	9.522	82	2364584	48.903	ng		99
26) 2-Nitrophenol	9.704	139	634134	45.432	ng		95
27) 2,4-Dimethylphenol	9.775	122	1084493	55.062	ng		98
28) bis(2-Chloroethoxy)met...	10.004	93	1472506	46.771	ng		98
29) 2,4-Dichlorophenol	10.246	162	1117572	46.518	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	1237043	44.443	ng		99
31) Naphthalene	10.640	128	3565484	45.951	ng		100
32) Benzoic acid	9.957	122	673636	43.746	ng		94
33) 4-Chloroaniline	10.763	127	315796	9.974	ng		98
34) Hexachlorobutadiene	10.928	225	772886	40.981	ng		100
35) Caprolactam	11.546	113	321890	39.700	ng		99
36) 4-Chloro-3-methylphenol	11.898	107	1106945	42.879	ng		99
37) 2-Methylnaphthalene	12.251	142	2436374	44.752	ng		99
38) 1-Methylnaphthalene	12.475	142	2327040	43.877	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1339470	45.892	ng		99
41) Hexachlorocyclopentadiene	12.610	237	1152678	89.748	ng		100
43) 2,4,6-Trichlorophenol	12.875	196	877459	45.356	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	943270	44.899	ng	98
46) 1,1'-Biphenyl	13.269	154	3108849	47.372	ng	99
47) 2-Chloronaphthalene	13.310	162	2414074	46.723	ng	99
48) 2-Nitroaniline	13.516	65	648515	46.085	ng	99
49) Acenaphthylene	14.157	152	3915951	49.096	ng	100
50) Dimethylphthalate	13.898	163	2871144	43.073	ng	100
51) 2,6-Dinitrotoluene	14.016	165	634018	45.397	ng	98
52) Acenaphthene	14.504	154	2192401	46.014	ng	99
53) 3-Nitroaniline	14.345	138	295286	20.017	ng	97
54) 2,4-Dinitrophenol	14.557	184	587905	68.438	ng	97
55) Dibenzofuran	14.839	168	3512434	43.881	ng	99
56) 4-Nitrophenol	14.681	139	1016641	92.456	ng	100
57) 2,4-Dinitrotoluene	14.810	165	837682	43.621	ng	99
58) Fluorene	15.492	166	2750720	43.695	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	772267	40.548	ng	95
60) Diethylphthalate	15.269	149	2779129	41.657	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	1447419	41.738	ng	97
62) 4-Nitroaniline	15.516	138	571837	36.911	ng	99
63) Azobenzene	15.781	77	2655173	45.752	ng	99
65) 4,6-Dinitro-2-methylph...	15.581	198	398578	36.762	ng	98
66) n-Nitrosodiphenylamine	15.704	169	2408494	48.270	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	907925	44.005	ng	96
68) Hexachlorobenzene	16.504	284	1011566	42.600	ng	99
69) Atrazine	16.669	200	855130	48.745	ng	98
70) Pentachlorophenol	16.857	266	1183791	93.261	ng	98
71) Phenanthrene	17.245	178	4182351	46.338	ng	100
72) Anthracene	17.333	178	4248496	47.676	ng	100
73) Carbazole	17.610	167	3852792	44.209	ng	100
74) Di-n-butylphthalate	18.169	149	4578162	44.829	ng	100
75) Fluoranthene	19.222	202	4796577	43.897	ng	98
77) Benzidine	19.404	184	2300018	59.105	ng	99
78) Pyrene	19.575	202	4879609	46.643	ng	100
80) Butylbenzylphthalate	20.463	149	1964194	44.173	ng	95
81) Benzo(a)anthracene	21.298	228	4877511	46.762	ng	100
82) 3,3'-Dichlorobenzidine	21.233	252	1252825	31.092	ng	97
83) Chrysene	21.351	228	4574125	46.312	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	2869256	46.294	ng	100
85) Di-n-octyl phthalate	22.157	149	4917828	46.033	ng	99
87) Indeno(1,2,3-cd)pyrene	26.227	276	6354335	45.626	ng	98
88) Benzo(b)fluoranthene	22.986	252	5414765	49.411	ng	99
89) Benzo(k)fluoranthene	23.033	252	4966999	46.292	ng	99
90) Benzo(a)pyrene	23.610	252	5202032	55.483	ng	98
91) Dibenzo(a,h)anthracene	26.239	278	5577481	48.052	ng	98
92) Benzo(g,h,i)perylene	26.986	276	5576391	48.836	ng	97

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

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