Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009011.D
Acq On : 02 Feb 2022 17:44
Operator : CG/JU
Sample : N1217-13MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-242MS

Quant Time: Feb 03 06:25:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 03 06:20:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	182311	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	685326	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	426670	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	859267	20.000	ng		0.00
76) Chrysene-d12	21.316	240	918727	20.000	ng		0.00
86) Perylene-d12	23.721	264	1062780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1441502	122.273	ng		0.01
7) Phenol-d6	7.011	99	1481100	103.747	ng		0.00
23) Nitrobenzene-d5	8.987	82	1218253	100.922	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	899955	144.906	ng		0.00
45) 2-Fluorobiphenyl	13.087	172	2969640	91.785	ng		0.00
79) Terphenyl-d14	19.786	244	4430373	81.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	158070	33.126	ng	#	1
3) Pyridine	3.740	79	272946	27.311	ng		95
4) n-Nitrosodimethylamine	3.646	42	181530	38.715	ng		98
6) Aniline	7.158	93	185189	10.393	ng		98
8) 2-Chlorophenol	7.393	128	595754	47.448	ng		97
9) Benzaldehyde	6.969	77	319472	33.482	ng		98
10) Phenol	7.040	94	593006	40.744	ng		96
11) bis(2-Chloroethyl)ether	7.252	93	547294	47.262	ng		98
12) 1,3-Dichlorobenzene	7.716	146	682335	45.634	ng		98
13) 1,4-Dichlorobenzene	7.858	146	690781	45.584	ng		100
14) 1,2-Dichlorobenzene	8.175	146	662214	45.829	ng		100
15) Benzyl Alcohol	8.075	79	554946	55.409	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.358	45	601391	46.440	ng		100
17) 2-Methylphenol	8.281	107	447124	45.856	ng		96
18) Hexachloroethane	8.899	117	241845	47.020	ng		100
19) n-Nitroso-di-n-propyla...	8.634	70	386691	46.337	ng		94
20) 3+4-Methylphenols	8.616	107	588977	45.502	ng		97
22) Acetophenone	8.652	105	956816	54.807	ng	#	96
24) Nitrobenzene	9.028	77	607853	49.852	ng		96
25) Isophorone	9.557	82	1090786	50.002	ng		99
26) 2-Nitrophenol	9.740	139	324515	50.624	ng		95
27) 2,4-Dimethylphenol	9.816	122	531406	48.621	ng		99
28) bis(2-Chloroethoxy)met...	10.034	93	682677	47.956	ng		99
29) 2,4-Dichlorophenol	10.293	162	576746	48.357	ng		99
30) 1,2,4-Trichlorobenzene	10.487	180	648656	46.429	ng		99
31) Naphthalene	10.675	128	1751372	47.051	ng		99
32) Benzoic acid	10.022	122	396572	63.225	ng		99
33) 4-Chloroaniline	10.799	127	115800	7.634	ng		97
34) Hexachlorobutadiene	10.957	225	399635	45.784	ng		99
35) Caprolactam	11.610	113	125687	38.227	ng		92
36) 4-Chloro-3-methylphenol	11.934	107	534973	49.719	ng		97
37) 2-Methylnaphthalene	12.287	142	1277011	46.930	ng		97
38) 1-Methylnaphthalene	12.504	142	1180337	47.258	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	723438	46.503	ng		99
41) Hexachlorocyclopentadiene	12.634	237	532935	66.950	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	475753	49.462	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	512287	49.485	ng		96
46) 1,1'-Biphenyl	13.298	154	1643232	47.337	ng		100
47) 2-Chloronaphthalene	13.340	162	1278696	47.772	ng		99
48) 2-Nitroaniline	13.551	65	318820	53.644	ng		95
49) Acenaphthylene	14.187	152	2010551	49.717	ng		99
50) Dimethylphthalate	13.928	163	1565626	49.407	ng		100
51) 2,6-Dinitrotoluene	14.045	165	342692	50.991	ng		95
52) Acenaphthene	14.528	154	1166234	48.623	ng		98
53) 3-Nitroaniline	14.381	138	138038	20.885	ng		96
54) 2,4-Dinitrophenol	14.598	184	294241	108.256	ng		93
55) Dibenzofuran	14.863	168	1921664	49.168	ng		98
56) 4-Nitrophenol	14.728	139	487381	102.402	ng		90
57) 2,4-Dinitrotoluene	14.840	165	463916	53.666	ng	#	88
58) Fluorene	15.516	166	1477010	47.846	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	436544	51.191	ng	#	87
60) Diethylphthalate	15.292	149	1515086	50.390	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	783041	46.565	ng		99
62) 4-Nitroaniline	15.545	138	330157	51.577	ng		90
63) Azobenzene	15.804	77	1299192	52.046	ng		95
65) 4,6-Dinitro-2-methylph...	15.616	198	194069	45.206	ng		95
66) n-Nitrosodiphenylamine	15.728	169	1351019	48.853	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	509478	47.483	ng		97
68) Hexachlorobenzene	16.528	284	587549	47.787	ng		95
69) Atrazine	16.692	200	489439	47.625	ng		98
70) Pentachlorophenol	16.881	266	736288	112.424	ng		99
71) Phenanthrene	17.263	178	2377094	49.134	ng		99
72) Anthracene	17.357	178	2435340	50.179	ng		98
73) Carbazole	17.634	167	2253215	53.994	ng		99
74) Di-n-butylphthalate	18.181	149	2570429	51.183	ng		99
75) Fluoranthene	19.233	202	2781749	51.705	ng		98
78) Pyrene	19.586	202	2868870	44.753	ng		98
80) Butylbenzylphthalate	20.463	149	1173227	45.506	ng		95
81) Benzo(a)anthracene	21.298	228	2959940	47.889	ng		98
82) 3,3'-Dichlorobenzidine	21.233	252	528083	19.777	ng		99
83) Chrysene	21.351	228	2775300	46.320	ng		97
84) Bis(2-ethylhexyl)phtha...	21.222	149	1666196	41.732	ng		97
85) Di-n-octyl phthalate	22.145	149	3062988	45.350	ng		100
87) Indeno(1,2,3-cd)pyrene	26.239	276	4042272	46.158	ng		97
88) Benzo(b)fluoranthene	22.992	252	3390731	47.773	ng		99
89) Benzo(k)fluoranthene	23.039	252	3139318	45.694	ng		99
90) Benzo(a)pyrene	23.621	252	3255695	47.523	ng		98
91) Dibenzo(a,h)anthracene	26.257	278	3477059	46.693	ng		98
92) Benzo(g,h,i)perylene	27.015	276	3395087	46.696	ng		97

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

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