Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009642.D
Acq On : 31 Mar 2022 16:42
Operator : CG/JU
Sample : N2202-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MHFMSD

Quant Time: Apr 01 04:10:18 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 31 04:36:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	266787	20.000	ng		0.00
21) Naphthalene-d8	10.533	136	1064668	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	568341	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1167624	20.000	ng		0.00
76) Chrysene-d12	21.280	240	1374542	20.000	ng		0.00
86) Perylene-d12	23.662	264	1489022	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	2457211	160.807	ng		0.00
7) Phenol-d6	6.940	99	3071248	148.623	ng		0.00
23) Nitrobenzene-d5	8.898	82	1946509	97.156	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	1232004	131.363	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	3470686	84.657	ng		0.00
79) Terphenyl-d14	19.739	244	6195621	80.903	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	250255	41.348	ng		98
3) Pyridine	3.663	79	813809	49.925	ng		99
4) n-Nitrosodimethylamine	3.575	42	350426	58.372	ng		98
6) Aniline	7.075	93	934799	39.691	ng		98
8) 2-Chlorophenol	7.316	128	961465	55.179	ng		97
9) Benzaldehyde	6.887	77	465126	48.949	ng		99
10) Phenol	6.963	94	1266075	61.070	ng		98
11) bis(2-Chloroethyl)ether	7.169	93	893009	54.427	ng		97
12) 1,3-Dichlorobenzene	7.628	146	1004439	51.075	ng		99
13) 1,4-Dichlorobenzene	7.775	146	968485	48.166	ng		99
14) 1,2-Dichlorobenzene	8.092	146	994123	51.152	ng		99
15) Benzyl Alcohol	7.992	79	845360	51.309	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.275	45	961676	54.071	ng		97
17) 2-Methylphenol	8.204	107	780145	54.607	ng		99
18) Hexachloroethane	8.810	117	356162	50.543	ng		95
19) n-Nitroso-di-n-propyla...	8.551	70	700592	53.601	ng		98
20) 3+4-Methylphenols	8.534	107	1094794	55.732	ng		99
22) Acetophenone	8.569	105	1394403	52.916	ng	#	97
24) Nitrobenzene	8.939	77	1056597	55.827	ng		99
25) Isophorone	9.475	82	1990781	58.253	ng		98
26) 2-Nitrophenol	9.651	139	539203	54.657	ng		97
27) 2,4-Dimethylphenol	9.728	122	921071	66.167	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	1202034	54.020	ng		98
29) 2,4-Dichlorophenol	10.198	162	926623	54.572	ng		100
30) 1,2,4-Trichlorobenzene	10.398	180	979822	49.807	ng		99
31) Naphthalene	10.586	128	2666841	48.629	ng		100
32) Benzoic acid	9.945	122	633163	58.177	ng		96
33) 4-Chloroaniline	10.704	127	508133	22.706	ng		99
34) Hexachlorobutadiene	10.869	225	640407	48.044	ng		99
35) Caprolactam	11.510	113	296670	51.770	ng		95
36) 4-Chloro-3-methylphenol	11.857	107	940942	51.570	ng		98
37) 2-Methylnaphthalene	12.204	142	1611542	41.882	ng		99
38) 1-Methylnaphthalene	12.422	142	1503809	40.118	ng		99
40) 1,2,4,5-Tetrachloroben...	12.580	216	945528	50.142	ng	#	98
41) Hexachlorocyclopentadiene	12.557	237	195963	28.987	ng		99
43) 2,4,6-Trichlorophenol	12.827	196	621630	49.735	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	665690	49.046	ng		96
46) 1,1'-Biphenyl	13.222	154	2073683	48.909	ng		98
47) 2-Chloronaphthalene	13.263	162	1621999	48.591	ng		99
48) 2-Nitroaniline	13.474	65	444701	48.914	ng		93
49) Acenaphthylene	14.110	152	2647808	51.383	ng		100
50) Dimethylphthalate	13.857	163	1998268	46.402	ng		99
51) 2,6-Dinitrotoluene	13.980	165	449698	49.839	ng		91
52) Acenaphthene	14.457	154	1486188	48.281	ng		99
53) 3-Nitroaniline	14.310	138	263442	27.642	ng		95
54) 2,4-Dinitrophenol	14.539	184	202775	38.650	ng		93
55) Dibenzofuran	14.798	168	2416283	46.724	ng		99
56) 4-Nitrophenol	14.657	139	708283	99.701	ng		93
57) 2,4-Dinitrotoluene	14.780	165	609084	49.093	ng		96
58) Fluorene	15.451	166	1921329	47.240	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	580049	47.141	ng		91
60) Diethylphthalate	15.227	149	1974473	45.810	ng		98
61) 4-Chlorophenyl-phenyle...	15.445	204	1054708	47.076	ng		95
62) 4-Nitroaniline	15.480	138	422545	42.217	ng		97
63) Azobenzene	15.739	77	1699876	45.338	ng		94
65) 4,6-Dinitro-2-methylph...	15.557	198	159869	21.293	ng		91
66) n-Nitrosodiphenylamine	15.663	169	1706449	49.386	ng		98
67) 4-Bromophenyl-phenylether	16.345	248	699325	48.946	ng		93
68) Hexachlorobenzene	16.468	284	820037	49.869	ng	#	93
69) Atrazine	16.627	200	645114	53.102	ng		99
70) Pentachlorophenol	16.821	266	913200	103.889	ng		99
71) Phenanthrene	17.204	178	3063540	49.014	ng		99
72) Anthracene	17.292	178	3436159	55.682	ng		100
73) Carbazole	17.574	167	3580548	59.328	ng		99
74) Di-n-butylphthalate	18.127	149	4379395	61.924	ng		100
75) Fluoranthene	19.186	202	4113810	54.365	ng		99
77) Benzidine	19.374	184	3444936	102.248	ng		100
78) Pyrene	19.539	202	4379342	48.350	ng		99
80) Butylbenzylphthalate	20.421	149	1925951	50.027	ng		97
81) Benzo(a)anthracene	21.262	228	4476499	49.570	ng		100
82) 3,3'-Dichlorobenzidine	21.198	252	1649456	47.281	ng		97
83) Chrysene	21.315	228	4095085	47.889	ng		99
84) Bis(2-ethylhexyl)phtha...	21.192	149	2706992	50.446	ng		100
85) Di-n-octyl phthalate	22.109	149	4734485	51.187	ng		98
87) Indeno(1,2,3-cd)pyrene	26.162	276	5168639	45.753	ng		97
88) Benzo(b)fluoranthene	22.939	252	4491489	50.528	ng		99
89) Benzo(k)fluoranthene	22.992	252	4461768	51.265	ng		99
90) Benzo(a)pyrene	23.562	252	4445071	58.447	ng		98
91) Dibenzo(a,h)anthracene	26.174	278	4523104	48.041	ng		97
92) Benzo(g,h,i)perylene	26.921	276	4477228	48.339	ng		96

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

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