Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005534.D
Acq On : 13 May 2021 23:24
Operator : CG/JU
Sample : M2361-01MSD 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-051121MSD

Quant Time: May 14 02:15:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 11:20:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	13768	20.00	ng		-0.01
21) Naphthalene-d8	10.481	136	42880	20.00	ng		#-0.01
39) Acenaphthene-d10	14.340	164	32315	20.00	ng		0.00
64) Phenanthrene-d10	17.098	188	80631	20.00	ng		# 0.00
76) Chrysene-d12	21.192	240	121622	20.00	ng		# 0.00
86) Perylene-d12	23.504	264	139874	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	34604	48.23	ng		0.00
7) Phenol-d6	6.887	99	38311	42.83	ng		0.00
23) Nitrobenzene-d5	8.857	82	32867	30.17	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	42388	46.22	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	79659	27.81	ng		-0.01
79) Terphenyl-d14	19.669	244	196955	27.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.170	88	5515	17.28	ng	#	87
3) Pyridine	3.587	79	9307	14.65	ng	#	78
4) n-Nitrosodimethylamine	3.499	42	10844	21.23	ng	#	4
6) Aniline	7.028	93	9111	9.44	ng	#	78
8) 2-Chlorophenol	7.258	128	15284	19.84	ng		83
9) Benzaldehyde	6.840	77	14097	29.96	ng	#	68
10) Phenol	6.916	94	17397	19.44	ng	#	40
11) bis(2-Chloroethyl)ether	7.122	93	12602	20.39	ng		98
12) 1,3-Dichlorobenzene	7.575	146	21061	20.54	ng	#	83
13) 1,4-Dichlorobenzene	7.722	146	21399	20.94	ng		98
14) 1,2-Dichlorobenzene	8.034	146	19745	20.16	ng		98
15) Benzyl Alcohol	7.952	79	16441	19.05	ng	#	72
16) 2,2'-oxybis(1-Chloropr...	8.210	45	6358	20.84	ng		78
17) 2-Methylphenol	8.157	107	12219	19.88	ng	#	80
18) Hexachloroethane	8.752	117	7504	17.73	ng		88
19) n-Nitroso-di-n-propyla...	8.505	70	12730	19.43	ng		92
20) 3+4-Methylphenols	8.493	107	14969	18.32	ng	#	84
22) Acetophenone	8.522	105	24515	20.27	ng	#	84
24) Nitrobenzene	8.899	77	19875	18.19	ng		96
25) Isophorone	9.422	82	29623	17.56	ng	#	98
26) 2-Nitrophenol	9.610	139	7391	16.15	ng	#	89
27) 2,4-Dimethylphenol	9.687	122	12897	21.29	ng		87
28) bis(2-Chloroethoxy)met...	9.910	93	14309	20.26	ng		98
29) 2,4-Dichlorophenol	10.157	162	17008	17.88	ng		99
30) 1,2,4-Trichlorobenzene	10.346	180	23207	19.10	ng		98
31) Naphthalene	10.528	128	45333	19.66	ng	#	96
32) Benzoic acid	9.852	122	7134	15.25	ng	#	69
33) 4-Chloroaniline	10.675	127	5941	6.62	ng		98
34) Hexachlorobutadiene	10.804	225	20680	20.41	ng		96
35) Caprolactam	11.463	113	3782	17.28	ng		90
36) 4-Chloro-3-methylphenol	11.816	107	14932	17.61	ng		98
37) 2-Methylnaphthalene	12.151	142	35310	19.09	ng		93
38) 1-Methylnaphthalene	12.369	142	31454	18.01	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	29522	19.88	ng		98
41) Hexachlorocyclopentadiene	12.487	237	3210	12.51	ng		98
43) 2,4,6-Trichlorophenol	12.781	196	17613	18.99	ng		88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	18429	18.41	ng		88
46) 1,1'-Biphenyl	13.169	154	47460	19.08	ng		96
47) 2-Chloronaphthalene	13.210	162	39345	18.99	ng		95
48) 2-Nitroaniline	13.440	65	12458	21.17	ng		93
49) Acenaphthylene	14.057	152	57215	19.17	ng		99
50) Dimethylphthalate	13.810	163	53435	19.16	ng		98
51) 2,6-Dinitrotoluene	13.934	165	10171	16.24	ng		91
52) Acenaphthene	14.404	154	35383	19.06	ng		95
53) 3-Nitroaniline	14.275	138	6438	14.34	ng	#	78
54) 2,4-Dinitrophenol	14.510	184	1637	4.33	ng	#	61
55) Dibenzofuran	14.740	168	62166	17.80	ng		98
56) 4-Nitrophenol	14.628	139	11497	33.94	ng	#	89
57) 2,4-Dinitrotoluene	14.734	165	14130	15.30	ng	#	87
58) Fluorene	15.392	166	51614	18.10	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.981	232	18695	18.68	ng		93
60) Diethylphthalate	15.175	149	49234	18.22	ng		95
61) 4-Chlorophenyl-phenyle...	15.387	204	32102	17.99	ng		93
62) 4-Nitroaniline	15.439	138	6650	15.42	ng	#	79
63) Azobenzene	15.681	77	49736	17.86	ng		85
65) 4,6-Dinitro-2-methylph...	15.510	198	1643	2.57	ng		86
66) n-Nitrosodiphenylamine	15.610	169	43834	18.63	ng		95
67) 4-Bromophenyl-phenylether	16.286	248	23812	18.92	ng		98
68) Hexachlorobenzene	16.398	284	30791	19.29	ng		95
69) Atrazine	16.569	200	21285	19.36	ng		96
70) Pentachlorophenol	16.757	266	29974	35.39	ng		94
71) Phenanthrene	17.139	178	103347	22.56	ng		98
72) Anthracene	17.228	178	94825	20.85	ng		98
73) Carbazole	17.510	167	73401	18.33	ng		99
74) Di-n-butylphthalate	18.063	149	82038	18.66	ng	#	97
75) Fluoranthene	19.116	202	155848	24.73	ng		96
77) Benzidine	19.310	184	40610	21.57	ng		97
78) Pyrene	19.469	202	158681	23.05	ng		97
80) Butylbenzylphthalate	20.345	149	43517	19.56	ng		92
81) Benzo(a)anthracene	21.180	228	164154	20.83	ng		99
82) 3,3'-Dichlorobenzidine	21.116	252	47216	15.90	ng		94
83) Chrysene	21.233	228	157419	20.61	ng		99
84) Bis(2-ethylhexyl)phtha...	21.104	149	67749	19.92	ng	#	98
85) Di-n-octyl phthalate	21.992	149	119537	20.92	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.915	276	241191	20.50	ng	#	97
88) Benzo(b)fluoranthene	22.804	252	203256	21.81	ng		99
89) Benzo(k)fluoranthene	22.851	252	179721	19.72	ng	#	97
90) Benzo(a)pyrene	23.404	252	186175	21.79	ng	#	99
91) Dibenzo(a,h)anthracene	25.921	278	202366	19.49	ng	#	98
92) Benzo(g,h,i)perylene	26.651	276	196806	20.49	ng	#	96

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

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