Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020521\
Data File : BP004684.D
Acq On : 05 Feb 2021 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP020521

Manual Integrations APPROVED
mohammad
2/8/2021 12:19:17 PM

Quant Time: Feb 05 18:07:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 05 18:04:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	52159	20.00	ng	# 0.00
21) Naphthalene-d8	10.569	136	200264	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	129502	20.00	ng	0.00
64) Phenanthrene-d10	17.175	188	279035	20.00	ng	0.00
76) Chrysene-d12	21.263	240	287986	20.00	ng	# 0.00
86) Perylene-d12	23.568	264	281858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	253128	74.93	ng	0.00
7) Phenol-d6	6.940	99	358858	77.25	ng	0.00
23) Nitrobenzene-d5	8.934	82	348696	75.87	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	128659	74.78	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	775425	73.18	ng	0.00
79) Terphenyl-d14	19.739	244	1283588	74.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	54601	37.77	ng	# 94
3) Pyridine	3.681	79	140206m	38.30	ng	
4) n-Nitrosodimethylamine	3.593	42	58316	38.29	ng	# 55
6) Aniline	7.105	93	199050	38.41	ng	# 87
8) 2-Chlorophenol	7.340	128	131485	37.25	ng	85
9) Benzaldehyde	6.916	77	85908	44.03	ng	# 79
10) Phenol	6.969	94	172003	38.25	ng	78
11) bis(2-Chloroethyl)ether	7.205	93	127702	37.13	ng	94
12) 1,3-Dichlorobenzene	7.663	146	158387	36.88	ng	# 90
13) 1,4-Dichlorobenzene	7.810	146	162554	37.26	ng	# 94
14) 1,2-Dichlorobenzene	8.128	146	155482	37.16	ng	94
15) Benzyl Alcohol	8.010	79	136728	39.20	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.299	45	104724	37.65	ng	94
17) 2-Methylphenol	8.216	107	116518	38.34	ng	# 89
18) Hexachloroethane	8.852	117	61603	37.68	ng	92
19) n-Nitroso-di-n-propyla...	8.581	70	108541	38.66	ng	# 88
20) 3+4-Methylphenols	8.546	107	159169	39.47	ng	92
22) Acetophenone	8.593	105	216634	37.22	ng	# 91
24) Nitrobenzene	8.975	77	168847	37.16	ng	# 80
25) Isophorone	9.499	82	279109	38.00	ng	# 90
26) 2-Nitrophenol	9.681	139	71462	39.71	ng	# 66
27) 2,4-Dimethylphenol	9.746	122	103118	36.84	ng	# 86
28) bis(2-Chloroethoxy)met...	9.981	93	174084	36.78	ng	98
29) 2,4-Dichlorophenol	10.210	162	128671	38.05	ng	92
30) 1,2,4-Trichlorobenzene	10.428	180	152562	36.52	ng	98
31) Naphthalene	10.616	128	428122	36.63	ng	100
32) Benzoic acid	9.869	122	86622	38.18	ng	# 71
33) 4-Chloroaniline	10.728	127	181844	37.92	ng	# 88
34) Hexachlorobutadiene	10.904	225	104098	37.10	ng	98
35) Caprolactam	11.499	113	42781	40.03	ng	# 80
36) 4-Chloro-3-methylphenol	11.851	107	151190	37.65	ng	86
37) 2-Methylnaphthalene	12.234	142	306157	36.82	ng	# 95
38) 1-Methylnaphthalene	12.457	142	291575	37.05	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.604	216	168880	36.30	ng	# 98
41) Hexachlorocyclopentadiene	12.587	237	96998	36.65	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	111124	37.91	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	116964	37.97	ng	#	91
46) 1,1'-Biphenyl	13.251	154	395122	36.45	ng		98
47) 2-Chloronaphthalene	13.293	162	326690	36.76	ng		95
48) 2-Nitroaniline	13.498	65	104061	39.67	ng	#	59
49) Acenaphthylene	14.140	152	487452	37.13	ng		99
50) Dimethylphthalate	13.881	163	419037	36.79	ng		99
51) 2,6-Dinitrotoluene	13.998	165	86570	37.71	ng	#	56
52) Acenaphthene	14.487	154	300604	36.12	ng		98
53) 3-Nitroaniline	14.328	138	92200	38.62	ng	#	62
54) 2,4-Dinitrophenol	14.528	184	52446	39.66	ng	#	72
55) Dibenzofuran	14.822	168	474371	36.25	ng		93
56) 4-Nitrophenol	14.628	139	71355	38.10	ng	#	39
57) 2,4-Dinitrotoluene	14.781	165	121416	38.60	ng	#	58
58) Fluorene	15.469	166	394035	36.64	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	108611	37.06	ng	#	95
60) Diethylphthalate	15.251	149	425924	37.31	ng		99
61) 4-Chlorophenyl-phenyle...	15.469	204	214356	35.91	ng		94
62) 4-Nitroaniline	15.492	138	101456	38.91	ng	#	57
63) Azobenzene	15.763	77	397645	37.08	ng		84
65) 4,6-Dinitro-2-methylph...	15.545	198	69383	40.70	ng		84
66) n-Nitrosodiphenylamine	15.687	169	343169	37.82	ng		98
67) 4-Bromophenyl-phenylether	16.369	248	131371	36.57	ng	#	90
68) Hexachlorobenzene	16.475	284	145047	37.06	ng	#	91
69) Atrazine	16.639	200	116609	39.17	ng		98
70) Pentachlorophenol	16.822	266	85767	39.15	ng		97
71) Phenanthrene	17.216	178	619686	36.27	ng		100
72) Anthracene	17.310	178	609658	37.11	ng		99
73) Carbazole	17.581	167	559212	37.10	ng		99
74) Di-n-butylphthalate	18.139	149	711920	38.49	ng	#	97
75) Fluoranthene	19.186	202	747064	36.70	ng		99
77) Benzidine	19.369	184	232855	42.05	ng		98
78) Pyrene	19.539	202	769165	37.87	ng		99
80) Butylbenzylphthalate	20.416	149	313693	39.30	ng	#	78
81) Benzo(a)anthracene	21.245	228	752370	36.84	ng		99
82) 3,3'-Dichlorobenzidine	21.180	252	252255	38.97	ng		98
83) Chrysene	21.298	228	727952	36.80	ng		98
84) Bis(2-ethylhexyl)phtha...	21.174	149	464142	38.53	ng		99
85) Di-n-octyl phthalate	22.074	149	759441	38.87	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.945	276	836784	37.18	ng		96
88) Benzo(b)fluoranthene	22.868	252	765307	37.07	ng		98
89) Benzo(k)fluoranthene	22.916	252	731532	36.91	ng	#	96
90) Benzo(a)pyrene	23.468	252	686826	36.82	ng	#	98
91) Dibenzo(a,h)anthracene	25.957	278	697987	37.18	ng	#	96
92) Benzo(g,h,i)perylene	26.674	276	665657	36.95	ng	#	94

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

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