Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102320\
Data File : BP003721.D
Acq On : 23 Oct 2020 15:28
Operator : CG/JU
Sample : L4484-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11998MS

Manual Integrations APPROVED
mohammad
10/26/2020 10:35:55 AM

Quant Time: Oct 23 16:57:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 19 14:54:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.522	152	126930	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	462645	20.00	ng	# 0.00
39) Acenaphthene-d10	15.128	164	299194	20.00	ng	0.00
64) Phenanthrene-d10	17.845	188	651641	20.00	ng	0.00
76) Chrysene-d12	21.857	240	655650	20.00	ng	# 0.00
86) Perylene-d12	24.433	264	658066	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	705318	92.92	ng	0.00
7) Phenol-d6	7.675	99	923410	86.10	ng	0.00
23) Nitrobenzene-d5	9.693	82	679307	62.11	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	405570	86.89	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	1375154	59.42	ng	0.00
79) Terphenyl-d14	20.310	244	2052750	55.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.681	88	108376	33.42	ng	# 88
3) Pyridine	4.122	79	312160	34.03	ng	# 89
4) n-Nitrosodimethylamine	4.017	42	134643	34.41	ng	# 66
6) Aniline	7.822	93	197725	16.61	ng	90
8) 2-Chlorophenol	8.093	128	300416	39.75	ng	84
9) Benzaldehyde	7.622	77	127876	21.59	ng	# 80
10) Phenol	7.699	94	409433	40.09	ng	82
11) bis(2-Chloroethyl)ether	7.905	93	313021	38.62	ng	92
12) 1,3-Dichlorobenzene	8.422	146	356577	36.59	ng	# 93
13) 1,4-Dichlorobenzene	8.563	146	361587	36.74	ng	# 93
14) 1,2-Dichlorobenzene	8.899	146	346734	37.18	ng	95
15) Benzyl Alcohol	8.752	79	308088	37.58	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	9.052	45	290240	36.14	ng	98
17) 2-Methylphenol	8.975	107	270093	39.92	ng	# 92
18) Hexachloroethane	9.652	117	135299	35.67	ng	92
19) n-Nitroso-di-n-propyla...	9.328	70	244160	37.26	ng	# 88
20) 3+4-Methylphenols	9.305	107	360076	39.54	ng	93
22) Acetophenone	9.346	105	485975	35.89	ng	# 89
24) Nitrobenzene	9.734	77	374754	35.59	ng	# 78
25) Isophorone	10.257	82	654490	37.14	ng	# 89
26) 2-Nitrophenol	10.463	139	160285	40.76	ng	# 69
27) 2,4-Dimethylphenol	10.516	122	272068	44.05	ng	88
28) bis(2-Chloroethoxy)met...	10.728	93	394382	35.08	ng	96
29) 2,4-Dichlorophenol	11.016	162	303731	37.49	ng	96
30) 1,2,4-Trichlorobenzene	11.240	180	357066	34.39	ng	99
31) Naphthalene	11.422	128	902467	36.19	ng	100
32) Benzoic acid	10.652	122	150677	36.17	ng	# 67
33) 4-Chloroaniline	11.504	127	127273	12.38	ng	# 88
34) Hexachlorobutadiene	11.734	225	255850	32.66	ng	99
35) Caprolactam	12.222	113	89453	37.71	ng	# 61
36) 4-Chloro-3-methylphenol	12.604	107	325839	37.07	ng	85
37) 2-Methylnaphthalene	12.987	142	654870	36.19	ng	# 95
38) 1-Methylnaphthalene	13.204	142	606657m	35.46	ng	
40) 1,2,4,5-Tetrachloroben...	13.357	216	431898	36.45	ng	97
41) Hexachlorocyclopentadiene	13.357	237	562172	81.95	ng	99
43) 2,4,6-Trichlorophenol	13.581	196	262103	37.18	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	277366	37.87	ng		94
46) 1,1'-Biphenyl	13.963	154	845432	36.24	ng		99
47) 2-Chloronaphthalene	14.016	162	671364	34.41	ng		99
48) 2-Nitroaniline	14.187	65	196476	34.10	ng	#	59
49) Acenaphthylene	14.851	152	1010763	36.29	ng		100
50) Dimethylphthalate	14.545	163	1036287	42.15	ng		99
51) 2,6-Dinitrotoluene	14.663	165	187534	37.50	ng	#	72
52) Acenaphthene	15.193	154	734405	39.06	ng	#	83
53) 3-Nitroaniline	14.993	138	85302	17.38	ng	#	70
54) 2,4-Dinitrophenol	15.193	184	195739	69.74	ng	#	1
55) Dibenzofuran	15.516	168	1019551	35.87	ng		98
56) 4-Nitrophenol	15.298	139	285355	77.69	ng	#	48
57) 2,4-Dinitrotoluene	15.445	165	256081	37.85	ng	#	72
58) Fluorene	16.157	166	828401	36.12	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.745	232	260489	37.08	ng		91
60) Diethylphthalate	15.892	149	819799	34.04	ng		97
61) 4-Chlorophenyl-phenyle...	16.134	204	474889	34.25	ng		94
62) 4-Nitroaniline	16.145	138	165677	30.43	ng	#	65
63) Azobenzene	16.422	77	779671	34.44	ng		86
65) 4,6-Dinitro-2-methylph...	16.216	198	146402	42.61	ng		91
66) n-Nitrosodiphenylamine	16.340	169	719795	37.10	ng		99
67) 4-Bromophenyl-phenylether	17.022	248	305665	35.03	ng		96
68) Hexachlorobenzene	17.187	284	345704	34.43	ng		95
69) Atrazine	17.263	200	238819	31.57	ng		98
70) Pentachlorophenol	17.510	266	403151	81.30	ng		98
71) Phenanthrene	17.886	178	1363912	37.66	ng		99
72) Anthracene	17.975	178	1332850	38.11	ng		98
73) Carbazole	18.216	167	1149100	36.93	ng		99
74) Di-n-butylphthalate	18.722	149	1356210	35.71	ng	#	98
75) Fluoranthene	19.798	202	1842824	41.42	ng		99
77) Benzidine	19.939	184	435542	27.72	ng		99
78) Pyrene	20.145	202	1790204	40.77	ng		99
80) Butylbenzylphthalate	20.951	149	578710	35.97	ng	#	82
81) Benzo(a)anthracene	21.839	228	1634353	37.39	ng		99
82) 3,3'-Dichlorobenzidine	21.745	252	322608	21.08	ng	#	99
83) Chrysene	21.898	228	1565069	37.76	ng		98
84) Bis(2-ethylhexyl)phtha...	21.704	149	1266794	55.02	ng	#	97
85) Di-n-octyl phthalate	22.669	149	1443050	38.61	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.127	276	1891049	40.04	ng	#	92
88) Benzo(b)fluoranthene	23.645	252	1718322	37.42	ng	#	98
89) Benzo(k)fluoranthene	23.698	252	1547999	35.32	ng	#	97
90) Benzo(a)pyrene	24.321	252	1477191	36.08	ng	#	97
91) Dibenzo(a,h)anthracene	27.121	278	1596672	40.44	ng	#	93
92) Benzo(g,h,i)perylene	27.957	276	1573540	43.00	ng	#	91

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

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